

December 31, 2002

File 344:Chinese Patents Abs Aug 1985-2002/Nov  
(c) 2002 European Patent Office  
File 347:JAPIO Oct 1976-2002/Aug(Updated 021203)  
(c) 2002 JPO & JAPIO  
File 350:Derwent WPIX 1963-2002/UD,UM &UP=200282  
(c) 2002 Thomson Derwent

Set	Items	Description
S1	29	AU='ELDERING C' OR AU='ELDERING C A'
S2	3	AU='SYLLA M L'
S3	3	S1 AND S2

December 31, 2002

3/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014132006 \*\*Image available\*\*  
WPI Acc No: 2001-616217/200171  
XRPX Acc No: N01-459678

**Subscriber profile generation method for advertisement monitoring and feedback system, involves collecting advertisement selection data from monitored subscriber advertisement viewing activities**

Patent Assignee: EXPANSE NETWORKS INC (EXPA-N)  
Inventor: BLASKO J P; ELDERING C A ; SYLLA M L  
Number of Countries: 094 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200165747	A1	20010907	WO 2001US6459	A	20010301	200171 B
AU 200147245	A	20010912	AU 200147245	A	20010301	200204

Priority Applications (No Type Date): US 2000516983 A 20000301; US  
2000516314 A 20000301

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200165747	A1	E	85 H04H-009/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200147245 A H04H-009/00 Based on patent WO 200165747

Abstract (Basic): WO 200165747 A1

NOVELTY - The method involves collecting advertisement selection data from monitored subscriber advertising viewing activities. A subscriber profile (106) is generated based on the advertisement selection data.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Data processing system;
- (b) Client server based data processing system

USE - For advertisement monitoring and feedback system in cable television and web services.

ADVANTAGE - Enables manufacturer to develop an advertising strategy for inserting advertisements during popular evening programs and allows the manufacturer to subsequently cancel advertisement broadcast, if majority of subscribers are found to be not watching the advertisement and hence insures the cost effectiveness of the advertisement strategy.

DESCRIPTION OF DRAWING(S) - The figure shows a context diagram for advertisement monitoring and feedback system.

Subscriber profile (106)  
pp; 85 DwgNo 1A/19

Title Terms: SUBSCRIBER; PROFILE; GENERATE; METHOD; ADVERTISE; MONITOR;  
FEEDBACK; SYSTEM; COLLECT; ADVERTISE; SELECT; DATA; MONITOR; SUBSCRIBER;  
ADVERTISE; VIEW; ACTIVE

Derwent Class: T01; W01; W02

International Patent Class (Main): H04H-009/00

International Patent Class (Additional): H04N-007/025; H04N-007/10;  
H04N-007/16

File Segment: EPI

3/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013251196     \*\*Image available\*\*

WPI Acc No: 2000-423079/200036

XRFX Acc No: N00-315734

**Subscriber identification method for data processing system, involves clustering viewing sessions so that sessions have common identifier representing subscriber selection data**

Patent Assignee: TELECOM PARTNERS LTD (TELE-N)

Inventor: **ELDERING C A ; SYLLA M L**

Number of Countries: 090    Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200033233	A1	20000608	WO 99US28600	A	19991202	200036    B
AU 200024755	A	20000619	AU 200024755	A	19991202	200044
EP 1135742	A1	20010926	EP 99968064	A	19991202	200157
			WO 99US28600	A	19991202	
JP 2002531970	W	20020924	WO 99US28600	A	19991202	200278
			JP 2000585806	A	19991202	

Priority Applications (No Type Date): US 98110770 P 19981203

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200033233	A1	E	32	G06F-151/00	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200024755	A			G06F-151/00	Based on patent WO 200033233
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EP 1135742	A1	E		G06F-151/00	Based on patent WO 200033233
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

JP 2002531970	W		36	H04N-017/00	Based on patent WO 200033233
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Abstract (Basic): WO 200033233 A1

NOVELTY - Several viewing sessions are monitored and clustered suitably. The sessions within the cluster, have a common identifier representing subscriber selection data. The subscriber is identified based on the selection data.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a program product.

USE - For subscriber identification in data processing system, entertainment/information providing system and on-line services etc.

ADVANTAGE - Identifies subscriber in household or business and retrieves previous characterizations, easily.

DESCRIPTION OF DRAWING(S) - The figure shows contact diagram of subscriber identification system.

pp; 32 DwgNo 1/10

Title Terms: SUBSCRIBER; IDENTIFY; METHOD; DATA; PROCESS; SYSTEM; VIEW; SESSION; SO; SESSION; COMMON; IDENTIFY; REPRESENT; SUBSCRIBER; SELECT; DATA

Derwent Class: T01

International Patent Class (Main): G06F-151/00; H04N-017/00

International Patent Class (Additional): G06F-017/60; H04N-007/173

File Segment: EPI

3/5/3     (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013251159     \*\*Image available\*\*

WPI Acc No: 2000-423042/200036

Related WPI Acc No: 2000-412468; 2000-423044

December 31, 2002

XRPX Acc No: N00-315697

Advertisement monitoring system in cable television service, has storage unit that stores descriptive field and output determination unit  
Patent Assignee: TELECOM PARTNERS LTD (TELE-N); EXPANSE NETWORKS INC (EXPA-N)

Inventor: ELDERING C A ; SYLLA M L

Number of Countries: 089 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200033160	A2	20000608	WO 99US28528	A	19991202	200036 B
AU 200024754	A	20000619	AU 200024754	A	19991202	200044
EP 1208418	A2	20020529	EP 99968063	A	19991202	200243
			WO 99US28528	A	19991202	
US 6457010	B1	20020924	US 98205653	A	19981203	200266

Priority Applications (No Type Date): US 98205653 A 19981203; US 98204888 A 19981203; US 98205119 A 19981203

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200033160 A2 E 76 G06F-000/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200024754 A G06F-000/00 Based on patent WO 200033160

EP 1208418 A2 E G06F-001/00 Based on patent WO 200033160

Designated States (Regional): DE FR GB NL

US 6457010 B1 G06F-017/00

Abstract (Basic): WO 200033160 A2

NOVELTY - Subscriber activity monitoring unit, has recording unit to store subscriber selection. A retrieval unit retrieves advertisement data with associated description fields. The processor which processes the information has determination unit which determines the extent to which an advertisement is viewed by subscriber. The storage unit then stores the descriptive fields and output of determination unit.

DETAILED DESCRIPTION - The subscriber selective data which includes channel selected, time at which channel is selected and advertisement related information are processed and recorded. The monitoring unit consists of volume level monitoring unit which monitors volume level corresponding to subscriber selection volume levels. The retrieval unit consists of searching unit for searching context of textual information associated with selected source material.

USE - For monitoring advertisements watched by subscriber in cable television services, internet web sites, etc.

ADVANTAGE - The consumer is permitted to access information regarding their household, demographics, programming preferences without revealing their specific viewing history. The information is encrypted therefore unauthorized access is prevented and only someone authorized by subscriber access the data.

DESCRIPTION OF DRAWING(S) - The figure shows context diagram of subscriber characterization system.

pp; 76 DwgNo 1/19

Title Terms: ADVERTISE; MONITOR; SYSTEM; CABLE; TELEVISION; SERVICE; STORAGE; UNIT; STORAGE; DESCRIBE; FIELD; OUTPUT; DETERMINE; UNIT

Derwent Class: T01

International Patent Class (Main): G06F-000/00; G06F-001/00; G06F-017/00

International Patent Class (Additional): G06F-017/30

File Segment: EPI

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File 348:EUROPEAN PATENTS 1978-2002/Dec W03

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File 349:PCT FULLTEXT 1979-2002/UB=20021226,UT=20021219

(c) 2002 WIPO/Univentio

Set	Items	Description
S1	38	AU='ELDERING CHARLES':AU='ELDERING CHARLES ANTHONY'
S2	6	AU='SYLLA M LAMINE'
S3	6	S1 AND S2

December 31, 2002

3/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01348497

**ADVERTISEMENT MONITORING AND FEEDBACK SYSTEM**  
**SYSTEME DE CONTROLE ET DE RETOUR D'INFORMATIONS PUBLICITAIRES**  
**PATENT ASSIGNEE:**

Expanse Networks, Inc., (3041622), 300 N. Broad Street, Doylestown, PA  
18901, (US), (Applicant designated States: all)

**INVENTOR:**

**ELDERING, Charles, A.** , 214 Commons Way, Doylestown, PA 18901, (US)

**SYLLA, M., Lamine** , 347 East Butler Avenue, Apt. C, New Britain, PA  
18901, (US)

**BLASKO, John, P.**, 4 Old Mill Lane, New Hope, PA 18938, (US)

**PATENT (CC, No, Kind, Date):**

WO 200165747 010907

**APPLICATION (CC, No, Date):** EP 2001920162 010301; WO 2001US6459 010301

**PRIORITY (CC, No, Date):** US 516983 000301; US 516314 000301

**DESIGNATED STATES:** AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK; RO; SI

**INTERNATIONAL PATENT CLASS:** H04H-009/00; H04N-007/025; H04N-007/10;  
H04N-007/16

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Application: 011031 A1 International application. (Art. 158(1))

Application: 011031 A1 International application entering European  
phase

**LANGUAGE (Publication,Procedural,Application):** English; English; English

**INVENTOR:**

**ELDERING, Charles, A** ...

...US)

**SYLLA, M., Lamine** ...

3/5,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01176166

**SUBSCRIBER IDENTIFICATION SYSTEM**  
**TEILNEHMERIDENTIFIKATIONSSYSTEM**  
**SYSTEME D'IDENTIFICATION D'ABONNE**  
**PATENT ASSIGNEE:**

Telecom Partners Ltd, (3041620), 900 Town Center, New Britain, PA 18901,  
(US), (Applicant designated States: all)

**INVENTOR:**

**ELDERING, Charles, A.** , 315 Hedgerow Lane, Doylestown, PA 18901, (US)

**SYLLA, M., Lamine** , 6 West Butler Avenue, New Britain, PA 18901, (US)

**LEGAL REPRESENTATIVE:**

Walaski, Jan Filip et al (92081), Venner, Shipley & Co, 20 Little Britain  
, London EC1A 7DH, (GB)

**PATENT (CC, No, Kind, Date):** EP 1135742 A1 010926 (Basic)

WO 200033233 000608

**APPLICATION (CC, No, Date):** EP 99968064 991202; WO 99US28600 991202

**PRIORITY (CC, No, Date):** US 110770 P 981203

**DESIGNATED STATES:** AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK; RO; SI

**INTERNATIONAL PATENT CLASS:** G06F-151/00

**CITED PATENTS (WO A):** US 5155591 A ; US 4779198 A ; US 6035280 A ; US  
483330 A

**NOTE:**

December 31, 2002

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 000802 A1 International application. (Art. 158(1))  
Application: 000802 A1 International application entering European  
phase  
Application: 010926 A1 Published application with search report  
Examination: 010926 A1 Date of request for examination: 20010518  
Search Report: 020724 A1 Date of drawing up and dispatch of  
supplementary:search report 20020610  
Change: 020724 A1 International Patent Classification changed:  
20020605  
Change: 020724 A1 International Patent Classification changed:  
20020605

LANGUAGE (Publication,Procedural,Application): English; English; English

INVENTOR:

ELDERING, Charles, A ...

...US)

SYLLA, M., Lamine ...

3/5,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01176165

SUBSCRIBER CHARACTERIZATION AND ADVERTISEMENT MONITORING SYSTEM

TEILNEHMER-PROFILBESTIMMUNG UND WERBUNGSUBERWACHUNGSSYSTEM

SYSTEME DE DETERMINATION D'UN PROFIL D'ABONNE ET DE SURVEILLANCE  
PUBLICITAIRE

PATENT ASSIGNEE:

Expanse Networks, Inc., (3041622), 300 N. Broad Street, Doylestown, PA  
18901, (US), (Applicant designated States: all)

INVENTOR:

ELDERING, Charles, A. , 315 Hedgerow Lane, Doylestown, PA 18901, (US)

SYLLA, M., Lamine , 6 West Butler Avenue, New Britain, PA 18901, (US)

LEGAL REPRESENTATIVE:

Walaski, Jan Filip (92081), Venner, Shipley & Co, 20 Little Britain,  
London EC1A 7DH, (GB)

PATENT (CC, No, Kind, Date): EP 1208418 A2 020529 (Basic)  
WO 200033160 000608

APPLICATION (CC, No, Date): EP 99968063 991202; WO 99US28528 991202

PRIORITY (CC, No, Date): US 204888 981203; US 205119 981203; US 205653  
981203

DESIGNATED STATES: DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: G06F-001/00

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 000802 A2 International application. (Art. 158(1))  
Application: 000802 A2 International application entering European  
phase  
Application: 020529 A2 Published application without search report  
Examination: 020529 A2 Date of request for examination: 20010518  
LANGUAGE (Publication,Procedural,Application): English; English; English

INVENTOR:

ELDERING, Charles, A ...

...US)

SYLLA, M., Lamine ...

3/5,K/4 (Item 1 from file: 349)

December 31, 2002

DIALOG(R)File 349:PCT FULLTEXT  
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00832131 \*\*Image available\*\*

**ADVERTISEMENT MONITORING AND FEEDBACK SYSTEM**  
**SYSTEME DE CONTROLE ET DE RETOUR D'INFORMATIONS PUBLICITAIRES**

Patent Applicant/Assignee:

EXPANSE NETWORKS INC, 300 North Broad Street, Doylestown, PA 18901, US,  
US (Residence), US (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

**ELDERING Charles A**, 214 Commons Way, Doylestown, PA 18901, US, US  
(Residence), US (Nationality), (Designated only for: US)  
**SYLLA M Lamine**, 347 East Butler Avenue, Apt. C, New Britain, PA 18901,  
US, US (Residence), SN (Nationality), (Designated only for: US)  
**BLASKO John P**, 4 Old Mill Lane, New Hope, PA 18938, US, US (Residence),  
US (Nationality), (Designated only for: US)

Legal Representative:

**RYDER Douglas J** (et al) (agent), 300 North Broad Street, Doylestown, PA  
18901, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200165747 A1 20010907 (WO 0165747)  
Application: WO 2001US6459 20010301 (PCT/WO US0106459)

Priority Application: US 2000516983 20000301; US 2000516314 20000301

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04H-009/00

International Patent Class: H04N-007/025; H04N-007/10; H04N-007/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14386

**English Abstract**

An advertising monitoring and feedback system (100) is presented in which subscriber selections including channel changes are monitored, and in which information regarding an advertisement is extracted from text related to the advertisement. The text related to the advertisement is in the form of closed-caption text, data transmitted with the advertisement, or other associated text. A record of the effectiveness of the advertisement is created in which measurements of the percentage of the advertisement which was viewed are stored. Such records are then fed back to a subscriber characterization system (104), thereby the subscriber characterization system (104) generates subscriber profiles (106) that incorporate advertising related information. Prior to generating subscriber profiles (106), the subscriber characterization system (104) also evaluates the subscriber selection data to eliminate data associated with irrelevant activities, such as channel surfing, channel jumping, or extended periods of inactivity.

**French Abstract**

La presente invention concerne un systeme de controle et de retour d'informations publicitaires (100) dans lequel les selections de l'abonne sont controlees, y compris les changements de chaine, et dans lequel les informations relatives a une annonce publicitaire sont extraites d'un texte lie a l'annonce. Le texte lie a l'annonce publicitaire se presente sous la forme de sous-titre code, de donnees transmises avec l'annonce ou



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d'un autre texte associe. On cree un enregistrement de l'efficacite de l'annonce publicitaire dans lequel sont stockees les mesures du pourcentage d'audience obtenu par l'annonce. Ces enregistrements sont ensuite envoyes en retour a un systeme de caracterisation d'abonne (104) qui produit, sur la base de ces enregistrements, des profils d'abonne (106) dans lesquels sont integrees les informations relatives a l'annonce. Avant de produire les profils d'abonne (106), le systeme de caracterisation d'abonne (104) evalue egalement les donnees de selection d'abonne afin d'eliminer les donnees associees a des activites sans interet telles que le zapping, le passage d'une chaine a l'autre ou les longues periodes d'inactivite.

Legal Status (Type, Date, Text)

Publication 20010907 A1 With international search report.

Publication 20010907 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20011206 Request for preliminary examination prior to end of 19th month from priority date

Patent Applicant/Inventor:

ELDERING Charles A ...

...Designated only for: US)

SYLLA M Lamine ...

3/5,K/5 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00569860 \*\*Image available\*\*

SUBSCRIBER IDENTIFICATION SYSTEM  
SYSTEME D'IDENTIFICATION D'ABONNE

Patent Applicant/Assignee:

TELECOM PARTNERS LTD,  
ELDERING Charles A,  
SYLLA M Lamine,

Inventor(s):

ELDERING Charles A ,  
SYLLA M Lamine

Patent and Priority Information (Country, Number, Date):

Patent: WO 200033233 A1 20000608 (WO 0033233)

Application: WO 99US28600 19991202 (PCT/WO US9928600)

Priority Application: US 98110770 19981203

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ  
BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 3668

English Abstract

A subscriber identification system (100) is presented in which subscriber selection data (250) including channel changes (134), volume changes (132), and time-of-day viewing information is used to identify a subscriber (user) (130) from a group of subscribers (130). In one instance, the subscriber selection data (250) is recorded and a signal processing algorithm such as a fourier transform is used to produce a

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processed version of the subscriber selection data. The processed version of the subscriber selection data (250) can be correlated with stored common identifiers of subscriber profiles to determine which subscriber (130) from the group is presently viewing the programming. A neural network or fuzzy logic can be used as the mechanism for identifying the subscriber (130) from clusters of information which are associated with individual subscribers.

French Abstract

L'invention concerne un systeme d'identification d'abonne (100) dans lequel les donnees selectionnees par l'abonne (250), y compris les changements de canal (134), les modifications de volume (132) et les informations consultees en fonction de l'heure de la journee permettent d'identifier un abonne (utilisateur) (130) dans un groupe d'abonnes (130). Dans un exemple, les donnees selectionnees par l'abonne (250) sont enregistrees, puis un algorithme de traitement du signal tel qu'une transformee de Fourier permet d'etablir une version traitee des donnees selectionnees par l'abonne. La version traitee des donnees selectionnees par l'abonne (250) peut etre mise en correlation avec des identificateurs courants de profils d'abonnes enregistres pour determiner quel abonne (130) du groupe est en train de consulter la programmation. Le mecanisme de reseau neural ou de logique floue peut etre utilise pour identifier l'abonne (130) a partir de blocs d'informations associes individuellement a chaque abonne.

Inventor(s):

ELDERING Charles A ...

... SYLLA M Lamine

3/5,K/6 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00569787 \*\*Image available\*\*

SUBSCRIBER CHARACTERIZATION AND ADVERTISEMENT MONITORING SYSTEM

SYSTEME DE DETERMINATION D'UN PROFIL D'ABONNE ET DE SURVEILLANCE  
PUBLICITAIRE

Patent Applicant/Assignee:

TELECOM PARTNERS LTD,  
ELDERING Charles A,  
SYLLA M Lamine,

Inventor(s):

ELDERING Charles A ,  
SYLLA M Lamine

Patent and Priority Information (Country, Number, Date):

Patent: WO 200033160 A2 20000608 (WO 0033160)  
Application: WO 99US28528 19991202 (PCT/WO US9928528)  
Priority Application: US 98204888 19981203; US 98205119 19981203; US  
98205653 19981203

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ  
BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: H04N-007/173

Publication Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 13349

English Abstract

December 31, 2002

A subscriber characterization and advertisement monitoring system is presented in which subscriber viewing habits are monitored to determine demographic profiles. These profiles can be utilized for the matching of advertisements to subscribers based on their viewing habits and estimated demographics and product interests. The system can be run locally in a television set-top (1808) or can be run in client server mode where channel selections are transmitted from the residence (1800) to a centralized switching location server (1840) such as a telephone office or Internet Service Provider. In client-server mode the channel selections are monitored at the centralized location (1840) which also performs the subscriber characterization. The system also provides the ability to monitor if advertisements were viewed and for what duration.

French Abstract

L'invention concerne un systeme de determination de profil d'abonne et de surveillance publicitaire (100), dans lequel on controle les publicites qu'un abonne regarde, afin de determiner des profils demographiques. On peut utiliser ces profils pour faire correspondre les publicites destinees a des abonnees en fonction de ce qu'ils regardent, l'evaluation des donnees demographiques, et l'interet presente par un produit. Le systeme (100) peut etre mis en application localement dans un appareil de television (1808), ou peut etre utilise en mode serveur-client, les selections de chaines etant transmises de la residence (1800) vers l'emplacement de commutation (1840) centralisee (serveur), tel qu'un central telephonique ou un fournisseur de services Internet. En mode serveur-client, les selections de chaines sont controlees au niveau de l'emplacement de commutation (1840) centralise, ce mode determinant egalement le profil d'abonne. Le systeme permet egalement de controler si les publicites sont regardees et pendant combien de temps.

Inventor(s):

ELDERING Charles A ...

... SYLLA M Lamine

December 31, 2002

File 344:Chinese Patents Abs Aug 1985-2002/Nov  
(c) 2002 European Patent Office  
File 347:JAPIO Oct 1976-2002/Aug(Updated 021203)  
(c) 2002 JPO & JAPIO  
File 350:Derwent WPIX 1963-2002/UD,UM &UP=200282  
(c) 2002 Thomson Derwent

Set	Items	Description
S1	990285	VIEW? OR WATCH? OR LOOK?
S2	1047826	SUBSCRIBER? OR USER? OR PERSON? OR PEOPLE OR MAN OR MEN OR WOM?N OR INDIVIDUAL? OR CUSTOMER? OR CONSUMER? OR CLIENT?
S3	3694759	TIME? OR PERIOD? OR SESSION? OR INTERVAL? OR FREQUENC?
S4	3271341	PROGRAM? OR CHANNEL? OR COMMERCIAL? OR ADVERTI? OR AD OR ADS OR TV OR TELEVISION? OR SHOW? OR SITCOM? OR PLUG?
S5	2840628	PROFILE? OR OUTLIN? OR PATTERN? OR CRITERIA? OR CHARACTERISTIC? OR HABIT? OR ATTRIBUT? OR INTEREST? OR LIKES OR DISLIKES OR BEHAVIOR? OR VALUE? OR DEMOGRAPHIC? OR PARAMETER? OR IDENTIF?
S6	2789585	MONITOR? OR JUDG? OR TRACK? OR INSPECT? OR REVIEW? OR ASSESS? OR EXAMIN? OR OBSERV? OR CHECK? OR SCRUTINIZ? OR STUDY OR STUDI? OR DETECT? OR OVERSEE? OR AUDIT? OR TRACE? OR TRACING - OR EVALUAT?
S7	82906	S1 AND S2 AND S4
S8	274710	S3(5N)S6
S9	841	S7 AND S8
S10	278	S9 AND S5
S11	9	S10 AND IC=H04N-017/00
S12	1458	S6(5N)S2(5N)S1
S13	235	S12 AND S4 AND S3
S14	39	S12(5N)S4(5N)S3
S15	12	S14 AND S5
S16	9	S15 NOT S11
S17	87	S8(5N)S1(5N)S2
S18	54	S17 AND S4
S19	30	S17(5N)S4
S20	8	S19 AND S5
S21	15	S18 AND S5
S22	3	S21 NOT (S16 OR S11)
S23	325	S7(5N)S8
S24	88	S23 AND S5
S25	14	S23(5N)S5
S26	13	S25 NOT (S11 OR S16 OR S22)

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11/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07267294 \*\*Image available\*\*  
ADVERTISEMENT VIEWING EFFECT EVALUATION SYSTEM

PUB. NO.: 2002-135757 [JP 2002135757 A]  
PUBLISHED: May 10, 2002 (20020510)  
INVENTOR(s): NARITA AKIO  
APPLICANT(s): INTAGE INC  
APPL. NO.: 2000-328385 [JP 2000328385]  
FILED: October 27, 2000 (20001027)  
INTL CLASS: H04N-007/173; G06F-017/60; H04H-001/00; H04N-017/00

ABSTRACT

PROBLEM TO BE SOLVED: To allow an accurate catching of the latest **advertisement** and to allow a survey a large number of **subscribers** at a low cost in an **advertisement viewing** effect evaluation system.

SOLUTION: In the system, at the home of the **subscriber**, the state of **viewing** of the **subscriber** is measured as the combination of **viewing** time and **viewed channel** to be outputted as **viewing** information signal, and also product purchase information including the date of purchase of the product by the **subscriber** and product **identifying** information is gathered to be outputted as purchase information signal. On the other hand, a center **detects** the **times** when the **advertisements** are broadcasted and the **advertisement identifying** information from broadcasting signal at every broadcasting station to output **advertisement** broadcasting time signals and also inputs the **viewing** information signals, the purchase information signals and the **advertisement** broadcast time signal to collate the **viewing** information signals against the time signals, furthermore, the center extracts the **identifying** information **viewed** by the **subscribers** to evaluate the **viewing** effect of the **advertisement** by comparing and analyzing the contents of extracted **advertisement** and the purchase information signals of the **subscribers** who received the **advertisement**.

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11/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

07173176 \*\*Image available\*\*  
CONTENTS EVALUATING METHOD

PUB. NO.: 2002-041562 [JP 2002041562 A]  
PUBLISHED: February 08, 2002 (20020208)  
INVENTOR(s): ISHIDA MAKI  
ICHIOKA HIDETOSHI  
APPLICANT(s): SONY CORP  
APPL. NO.: 2000-231203 [JP 2000231203]  
FILED: July 31, 2000 (20000731)  
INTL CLASS: G06F-017/30; H04N-017/00

ABSTRACT

PROBLEM TO BE SOLVED: To accurately find the degree of the **interest** of a **user** in contents without forcing a special operation to the **user**.

SOLUTION: On an **interest** degree evaluation table 62, the names of contents **viewed** by the **user** are entered and as **evaluation** items, a **viewing** time rate, the number of times of operation during **viewing**,

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the presence/absence of sound volume control operation during **viewing** and the presence/absence of contents switching operation for two minutes before and after contents end time are set. By adopting items except for the **viewing time rate** for the **evaluation items**, contents in a just flowing state on a **television receiver** in the state of occasionally turning on a power source without **interested viewing** of the **viewer** are prevented from being evaluated as contents having the high degree of **interest**. For each of evaluation items, an evaluation function for digitizing the evaluation item and a 'weight' for each evaluation item are prepared.

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11/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

06446930 \*\*Image available\*\*  
**PROGRAM** SELECTION HISTORY INFORMATION OBTAINING METHOD AND RECEIVER THEREOF

PUB. NO.: 2000-032500 [JP 2000032500 A]  
PUBLISHED: January 28, 2000 (20000128)  
INVENTOR(s): NAGANO SUSUMU  
SUMIYAMA SHINJI  
APPLICANT(s): SONY CORP  
APPL. NO.: 10-201445 [JP 98201445]  
FILED: July 16, 1998 (19980716)  
INTL CLASS: H04N-017/00 ; H04H-001/00; H04H-001/02; H04H-009/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To confirm whether or not a **user** is actually **viewing** a **program** at obtaining of audience rating data.

SOLUTION: A '**viewing** confirmation' bit, which is one of the **attribute** information of **viewing** data indicates whether or not the **user** is actually **viewing** the **program** at the point of time of gathering a **viewing** sample. For the decision, as to whether or not the **user** is **viewing** the **program**, a **viewing** confirmation icon is displayed on a **monitor** screen at every prescribed **interval** of time and it is decided that the **user** is **viewing** when the **user** selects the **viewing** confirmation icon by using a remote controller or the like and the decided result is made to reflect on the **value** of the '**viewing** confirmation' bit.

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11/5/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

03566697 \*\*Image available\*\*  
**COMMERCIAL** INFORMATION DISCRIMINATING DEVICE

PUB. NO.: 03-229597 [JP 3229597 A]  
PUBLISHED: October 11, 1991 (19911011)  
INVENTOR(s): SAKAZAKI YOSHIHISA  
KIMURA JIYUNKO  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 02-024351 [JP 9024351]  
FILED: February 05, 1990 (19900205)  
INTL CLASS: [5] H04N-017/00

December 31, 2002

JAPIO CLASS: 44.6 (COMMUNICATION -- **Television** )  
JAPIO KEYWORD: R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR)  
JOURNAL: Section: E, Section No. 1152, Vol. 16, No. 8, Pg. 89, January  
10, 1992 (19920110)

ABSTRACT

PURPOSE: To raise precision for detecting a **commercial** message up to a level capable of being offered for practical use by calculating a numerical **value** showing probability that a **program** is the **commercial** message by judging collectively every output of a **detecting** means and a **time** measuring means.

CONSTITUTION: When a **user** operates a reset switch 18 into ON state at the optional point t1 of time when he **watches** a picture and recognizes that the **commercial** message is on the air, a signal P4 which has a peak **value** to increase successively at the intervals of 15min (=a) is outputted from the time measurement circuit 16. A degree calculation circuit 15 executes arithmetic operation on the basis of the output signal P3 of a stereo broadcasting detection circuit 14 and the output signal P4 of the time measurement circuit 16, and generates a CM probability signal Q1. This CM probability signal Q1 is supplied to a decision circuit 17, and if it exceeds a prescribed threshold level S1, a reset signal R is generated, and the time measurement circuit 16 is reset.

11/5/5 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013251196 \*\*Image available\*\*  
WPI Acc No: 2000-423079/200036  
XRPX Acc No: N00-315734

Subscriber identification method for data processing system, involves clustering viewing sessions so that sessions have common identifier representing subscriber selection data

Patent Assignee: TELECOM PARTNERS LTD (TELE-N)  
Inventor: ELDERING C A; SYLLA M L  
Number of Countries: 090 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200033233	A1	20000608	WO 99US28600	A	19991202	200036 B
AU 200024755	A	20000619	AU 200024755	A	19991202	200044
EP 1135742	A1	20010926	EP 99968064	A	19991202	200157
			WO 99US28600	A	19991202	
JP 2002531970	W	20020924	WO 99US28600	A	19991202	200278
			JP 2000585806	A	19991202	

Priority Applications (No Type Date): US 98110770 P 19981203

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200033233	A1	E	32	G06F-151/00	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200024755 A G06F-151/00 Based on patent WO 200033233

EP 1135742 A1 E G06F-151/00 Based on patent WO 200033233

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

JP 2002531970 W 36 H04N-017/00 Based on patent WO 200033233

Abstract (Basic): WO 200033233 A1

NOVELTY - Several viewing sessions are monitored and

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clustered suitably. The **sessions** within the cluster, have a common **identifier** representing **subscriber** selection data. The **subscriber** is **identified** based on the selection data.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a **program** product.

USE - For **subscriber** **identification** in data processing system, entertainment/information providing system and on-line services etc.

ADVANTAGE - **Identifies** **subscriber** in household or business and retrieves previous characterizations, easily.

DESCRIPTION OF DRAWING(S) - The figure **shows** contact diagram of **subscriber** **identification** system.

pp; 32 DwgNo 1/10

Title Terms: **SUBSCRIBER** ; **IDENTIFY** ; METHOD; DATA; PROCESS; SYSTEM; **VIEW** ; SESSION; SO; SESSION; COMMON; **IDENTIFY** ; REPRESENT; **SUBSCRIBER** ; SELECT; DATA

Derwent Class: T01

International Patent Class (Main): G06F-151/00; **H04N-017/00**

International Patent Class (Additional): G06F-017/60; H04N-007/173

File Segment: EPI

11/5/6 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010194660 \*\*Image available\*\*

WPI Acc No: 1995-095914/199513

XRPX Acc No: N95-075698

**Audience research system for TV viewing - includes judgement part to compare memorised recognition information with data from TV receiver for identification of individual viewer**

Patent Assignee: TAKAHASHI T (TAKA-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7023012	A	19950124	JP 93187512	A	19930630	199513 B

Priority Applications (No Type Date): JP 93187512 A 19930630

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 7023012	A		9	H04H-009/00	

Abstract (Basic): JP 7023012 A

A **television** camera (3) takes the information from **looking** and listening space of **TV** receiver (1). The video signal from the camera corresponding to each frame is fed to a logging part (5) which extracts the recognition information of the **viewer**. The extracted number is held in memories (6,7). The memorised signal is fed to a face recogniser (8) which extracts the face image and produces a recognition number.

A judgment unit (9) compares the recognition number of the memory with the new data from the **TV** receiver. The output of the judgment unit **identifies** the **individual viewer**. A clock signal is also fed to the **judgment** unit and gives the **time** zone of the input signal. The recognition information is fed to a information processor.

ADVANTAGE - Performs high accuracy of **individual** recognition. Provides rate data of high reliability. Grasps **viewer** 's reaction correctly. Improves **TV** broadcasting.

Dwg.1/9

Title Terms: AUDIENCE; RESEARCH; SYSTEM; **TELEVISION** ; **VIEW** ; JUDGEMENT; PART; COMPARE; MEMORY; RECOGNISE; INFORMATION; DATA; **TELEVISION** ; RECEIVE; **IDENTIFY** ; **INDIVIDUAL** ; **VIEW**

Derwent Class: T04; W02; W03

International Patent Class (Main): H04H-009/00

International Patent Class (Additional): **H04N-017/00**



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File Segment: EPI

11/5/7 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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009958965 \*\*Image available\*\*  
WPI Acc No: 1994-226678/199428  
XRPX Acc No: N94-178688

**Audience research appts. for surveying TV and radio audience listening and viewing habits - converts audible survey signal transmitted with programme to inaudible frequencies for detection by portable unit worn by surveyed person .**

Patent Assignee: WEINBLATT L S (WEIN-I); WINEBRAT L (WINE-I)

Inventor: WEINBLATT L S

Number of Countries: 007 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 606703	A1	19940720	EP 93307708	A	19930929	199428 B
JP 7007483	A	19950110	JP 9413208	A	19940111	199511
US 5630203	A	19970513	US 933325	A	19930112	199725
US 5826164	A	19981020	US 933325	A	19930112	199849
			US 95548591	A	19951026	
EP 606703	B1	19981209	EP 93307708	A	19930929	199902
DE 69322490	E	19990121	DE 622490	A	19930929	199909
			EP 93307708	A	19930929	

Priority Applications (No Type Date): US 933325 A 19930112; US 95548591 A 19951026

Cited Patents: EP 135192; EP 172095; GB 2196167; US 4945412

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 606703	A1	E	8	H04H-009/00	
Designated States (Regional): DE FR GB IT NL					
JP 7007483	A		9	H04H-009/00	
US 5630203	A		7	H04B-017/00	
US 5826164	A			H04B-017/00	Cont of application US 933325 Cont of patent US 5630203
EP 606703	B1	E		H04H-009/00	
Designated States (Regional): DE FR GB IT NL					
DE 69322490	E			H04H-009/00	Based on patent EP 606703

Abstract (Basic): EP 606703 A

The appts. determines whether a **person** is tuned to a given signal source, e.g. radio station or **TV channel** . For transmission, the **programme** audio signal is combined with a survey signal in the audio range. The survey signal carries a code **identifying** the signal source.

At the receiver the survey signal is separated and converted to a signal outside the audible frequency range. It is then reproduced, on a loudspeaker, for detection by a code detector. The detector comprises part of a portable survey unit worn by the **person** being monitored.

ADVANTAGE - Simple. Convenient. Avoids violation of government restrictions in some countries.

Dwg.1/2

Title Terms: AUDIENCE; RESEARCH; APPARATUS; SURVEYING; **TELEVISION** ; RADIO; AUDIENCE; LISTENER; **VIEW** ; **HABIT** ; CONVERT; AUDIBLE; SURVEYING; SIGNAL; TRANSMIT; **PROGRAMME** ; INAUDIBLE; FREQUENCY; DETECT; PORTABLE; UNIT; WEAR ; SURVEYING; **PERSON**

Derwent Class: W02; W03

International Patent Class (Main): H04B-017/00; H04H-009/00

International Patent Class (Additional): H04H-001/00; **H04N-017/00**

File Segment: EPI

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11/5/8 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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007459325 \*\*Image available\*\*  
WPI Acc No: 1988-093259/198814  
XRPX Acc No: N88-070570

**Monitoring room population for TV audience research - has monitor  
prompting people to input additional information when monitor detects  
entry or exit from room**

Patent Assignee: CONTROL DATA CORP (CDCC )  
Inventor: LURIE O M  
Number of Countries: 007 Number of Patents: 005  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 262757	A	19880406	EP 87305743	A	19870629	198814 B
JP 63056090	A	19880310	JP 87129581	A	19870526	198816
AU 8775586	A	19880303				198817
US 4779198	A	19881018	US 88148098	A	19880126	198844
CA 1324653	C	19931123	CA 540517	A	19870625	199402

Priority Applications (No Type Date): US 86900775 A 19860826  
Cited Patents: A3...9015; EP 128481; EP 144085; GB 2140947; GB 2146152;  
No-SR.Pub

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
EP 262757 A E 25  
Designated States (Regional): DE FR GB  
US 4779198 A 22  
CA 1324653 C H04H-009/00

Abstract (Basic): EP 262757 A

A detector notes the entry and exit of **people** from the room. A monitoring device (410) notes the status of the device. The monitoring device includes a prompting circuit (412) responsive to the detector for prompting **people** in the room to input additional information to the monitor when the detector notes entry or exit. The device may be a video display. The detector includes light emitters and photocells arranged on opposite sides of each passage to the room, interruption of the beams of light indicating entry or exit.

The detectors are arranged in height to **identify** children from adults. Gain and loss signals are generated when someone enters or leaves the room and these signals are transmitted over infrared **frequencies** to a **monitor**. The **monitor** includes a memory for storing the time of day of the signals.

USE/ADVANTAGE - For monitoring the audience to **television programs** for audience research. Issues prompts at more appropriate times, such as when the **television** set is turned on or when **persons** enter or exit room, also gives exact time of arrivals and departures of **television viewers**, thus providing more accurate record of who is **viewing** particular **television program** at given time.

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Title Terms: MONITOR; ROOM; POPULATION; **TELEVISION** ; AUDIENCE; RESEARCH;  
MONITOR; PROMPT; **PEOPLE** ; INPUT; ADD; INFORMATION; MONITOR; DETECT;  
ENTER; EXIT; ROOM

Derwent Class: S03; W02; W03  
International Patent Class (Main): H04H-009/00  
International Patent Class (Additional): H04H-007/04; **H04N-017/00**  
File Segment: EPI

11/5/9 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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007282637

WPI Acc No: 1987-279644/198740

XRPX Acc No: N87-209451

**Generating distribution of looking time as people watch TV  
commercials - processing actual eye point of gaze of sample of people  
for given scene**

Patent Assignee: APPLIED SCI GROUP INC (SCSC-N); APPL SCI GRP INC (APPS );  
APPLIED SCI GROUP (SCGR-N); APPL SCIENCE GRP (APPS )

Inventor: BORAH J D; FLAGG B N; BORAH H D

Number of Countries: 016 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 240336	A	19871007	EP 87302838	A	19870401	198740 B
JP 62245183	A	19871026	JP 8781333	A	19870403	198748
US 4789235	A	19881206	US 88166776	A	19880307	198851
EP 240336	B	19920311	EP 87302838	A	19870401	199211
DE 3777222	G	19920416				199217
CA 1310742	C	19921124	CA 533799	A	19870403	199301

Priority Applications (No Type Date): US 86848154 A 19860404; US 86931234 A  
19861117; US 88153438 A 19880208

Cited Patents: A3...8906; EP 157973; GB 2103045; No-SR.Pub; US 3542457; US  
4075657

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 240336	A	E	47		
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Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

US 4789235	A		19		
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EP 240336	B		26		
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Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

CA 1310742	C			A61B-003/10	
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Abstract (Basic): EP 240336 A

The T.V. **Commercial** is displayed by using a video monitor. The point of gaze of the eye(s) of the **person** at selected **time intervals** is **detected** by displacement of the Corneal reflection from the pupil at each selected time interval. The eye point-of-gaze co-ordinates at each preselected interval are recorded. A series of successive fixation **parameters** specifying eye fixation is produced. The **parameters** include recorded starting time, duration and x,y co-ordinates for each successive fixation of the eye. The series of fixations is recorded in a data file.

The T.V. **Commercial** is divided into a series of scenes each having a time duration and made up of known areas of **interest** (AOI) with a fixed set of x,y co-ordinates for each boundary for AOI of the scene. The starting time, duration and fixed co-ordinates AOI(s) in the scenes are recorded into a second data file. The two files are compared for each **person** to produce a third data file containing specific fixations in each AOI in each scene of the combined video and audio **TV**

**Commercial** .

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Title Terms: GENERATE; DISTRIBUTE; TIME; **PEOPLE** ; **WATCH** ; **TELEVISION** ;  
PROCESS; ACTUAL; EYE; POINT; GAZE; SAMPLE; **PEOPLE** ; SCENE

Derwent Class: P31; S05; W02

International Patent Class (Main): A61B-003/10

International Patent Class (Additional): G04F-010/00; **H04N-017/00**

File Segment: EPI; EngPI

December 31, 2002

16/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07187907 \*\*Image available\*\*  
SYSTEM AND METHOD FOR E-COMMERCE TRANSACTION BY EVALUATING ECONOMICAL  
PURCHASING **VALUE** FOR USER ON ADVERTISER

PUB. NO.: 2002-056306 [JP 2002056306 A]  
PUBLISHED: February 20, 2002 (20020220)  
INVENTOR(s): GALL ASHAUER  
NEELAKANTAN SUNDARESAN  
APPLICANT(s): INTERNATL BUSINESS MACH CORP (IBM)  
APPL. NO.: 2001-224095 [JP 20011224095]  
FILED: July 25, 2001 (20010725)  
PRIORITY: 00 626703 [US 2000626703], US (United States of America),  
July 27, 2000 (20000727)  
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a system and a method for improving  
e-commerce transactions by **personalizing** the content and **advertisement**  
of a web page **viewed** by a specific **customer** in a specific **session** .

SOLUTION: A **trace** system and a method record the actions of a user during  
the visits to various servers. The actions of the user include queries from  
the user, URLs visited by the user, quotations requested by the user,  
prices offered to the user, and individual session **profiles** , for example.  
The e-business can evaluate the economical purchasing **value** for the user  
on each advertiser, and the e-business allocates the corresponding  
advertisement introduction fee for the specific user and the specific  
session in progress based on the economical purchasing **value** .

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16/5/2 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014876773 \*\*Image available\*\*  
WPI Acc No: 2002-697479/200275  
XRPX Acc No: N02-549945

Software system for assisting developers and help desk personnel in  
monitoring and analyzing execution of computer programs has information  
display module configure to list events logged in log file

Patent Assignee: GOLENDER V (GOLE-I); MOSHE I B (MOSH-I); WYGODNY S  
(WYGO-I)

Inventor: GOLENDER V; MOSHE I B; WYGODNY S  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020087949	A1	20020704	US 2000186636	A	20000303	200275 B
			US 2001799338	A	20010305	

Priority Applications (No Type Date): US 2000186636 P 20000303; US  
2001799338 A 20010305

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020087949	A1	39	G06F-009/44	Provisional application	US 2000186636

Abstract (Basic): US 20020087949 A1

NOVELTY - An information display module which shows information  
from a log file (122) is configured to list evens logged in the log  
file, and to show screen captures obtained by an information gathering.  
The information display module is further configured to run on a

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different computer than the information gathering module, allowing remote troubleshooting of client program.

DETAILED DESCRIPTION - The information gathering module monitors selected events occurring during execution of client program and stores data describing the events in the log file. The information gathering module is configured to monitor API events, message events, and program events, to obtain screen captures during execution of the client program, and to connect to client program at runtime by hooking an in-memory executable image of client program. INDEPENDENT CLAIMS are also included for the following:

(a) a method for remotely troubleshooting execution problems generated when trying to execute client program on remote computer;

(b) and a system for remotely troubleshooting execution problems generated when trying to execute client program on remote computer.

USE - For assisting developers an help desk personnel in monitoring and analyzing execution of computer programs running on remote computers, and in detecting and troubleshooting execution problems.

ADVANTAGE - **Identifies** and isolates execution problems within a **program** without requiring modifications to the execution of **client program**. Enables developer to interactively **trace** a **program** and **view** the **trace** results in real **time**. Ensures effective utilization in troubleshooting **commercial** applications.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram showing the use of the software system in remote mode.

Log file (122)

pp; 39 DwgNo 1B/17

Title Terms: SOFTWARE; SYSTEM; ASSIST; DEVELOP; HELP; DESK; PERSONNEL;

MONITOR; EXECUTE; COMPUTER; PROGRAM; INFORMATION; DISPLAY; MODULE;

CONFIGURATION; LIST; EVENT; LOG; LOG; FILE

Derwent Class: T01

International Patent Class (Main): G06F-009/44

File Segment: EPI

16/5/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014734692

WPI Acc No: 2002-555396/200259

**Green room**

Patent Assignee: JIN K S (JINK-I)

Inventor: JIN K S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002014458	A	20020225	KR 200047764	A	20000818	200259 B

Priority Applications (No Type Date): KR 200047764 A 20000818

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002014458	A		G06F-017/00	

Abstract (Basic): KR 2002014458 A

NOVELTY - A green room is provided to move a play to a virtual space through a concept of chatting, and to criticize, re-configure existing contents or create new contents.

DETAILED DESCRIPTION - For play chatting, one ID( **Identification** ) and one role are respectively assigned per one user. A window is divided into a window for play and a window for chatting. Time is limited to finish the play within a given time. A play room improved from an existing chatting room is created using Java, a **program** language, for play viewing, real- **time** play **viewing** and already **shown** play **viewing** are discriminated. The number of **viewing persons** is limited in the real- **time** play **viewing** , therefore, a

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real- time play service is provided after **checking** the limited number of persons. Contents of a play is stored in a DB in real time for viewing the previously shown play. And the stored contents can be viewed afterward in the previously shown play viewing according to titles or dates.

DwgNo 0/0

Title Terms: GREEN; ROOM

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI

16/5/4 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014685901 \*\*Image available\*\*

WPI Acc No: 2002-506605/200254

Related WPI Acc No: 1999-443770

XRFX Acc No: N02-400781

**Advertisement provider for Internet, transfers selected advertisement to consumer in response to consumer accessing data offered by content provider, bills an advertiser and provides credit to content provider**

Patent Assignee: BIG MEDIA INC (BIGM-N)

Inventor: ANGLES P D; BLATTNER D O

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6385592	B1	20020507	US 96700032	A	19960820	200254 B
			US 99345822	A	19990630	

Priority Applications (No Type Date): US 96700032 A 19960820; US 99345822 A 19990630

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6385592	B1	26	G06F-017/60		Cont of application US 96700032 Cont of patent US 5933811

Abstract (Basic): US 6385592 B1

NOVELTY - An advertising module (62) selects an advertisement corresponding to the consumer and content provider **demographic** information and transfers advertisement to the consumer in response to the consumer accessing data offered by a content provider. An accounting database (72) calculates bill and provides a credit to the content provider in response to transfer of advertisement to the consumer.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for customized advertisement provision method.

USE - For delivering advertisements within interactive communication systems such as telephone network, wireless data transmission system, two-way cable system, automatic machine network, Internet, interactive kiosks, interactive television system, etc.,

ADVANTAGE - Provides on-line **advertisement** service with reduced transmission time by **monitoring advertisements number viewed by consumers**. The Internet providers can use the **advertising** revenue, to reduce consumer access fees.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram showing the flow of information among the consumer computer, content provider computer and advertisement provider computer through a communication medium.

Advertising module (62)

Accounting database (72)

pp; 26 DwgNo 4/11

Title Terms: ADVERTISE; TRANSFER; SELECT; ADVERTISE; CONSUME; RESPOND;  
CONSUME; ACCESS; DATA; OFFER; CONTENT; BILL; CREDIT; CONTENT

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Derwent Class: T01; T05; W01  
International Patent Class (Main): G06F-017/60  
International Patent Class (Additional): G06F-017/00  
File Segment: EPI

16/5/5 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014244687 \*\*Image available\*\*  
WPI Acc No: 2002-065387/200209  
XRPX Acc No: N02-048547

**Interactive sporting event monitoring system for ultra high frequency transmission, selects and identifies sporting event audio data with its relative channel and contestant identifier to monitor desired channel**

Patent Assignee: RIGGINS A S (RIGG-I)  
Inventor: RIGGINS A S  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6195090	B1	20010227	US 9739268	A	19970228	200209 B
			US 9828439	A	19980224	

Priority Applications (No Type Date): US 9739268 P 19970228; US 9828439 A 19980224

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6195090	B1	18	G06F-003/00	Provisional application	US 9739268

Abstract (Basic): US 6195090 B1

NOVELTY - Tuners in TV top decoder (29) select TV channel including one or more sporting event audio data encoded with relative channel **identifier** to detect channels. The audio data with its relative channel and contestant **identifier** is detected by decoding selected data and is **identified**. A user input accepts specific channel to be processed and TV set (27) displays sporting event audio data of desired channel.

USE - For television broadcast system for displaying ultra high frequency (UHF) radio transmission such as automobile racing event transmission including real time speeds, engines revolution per minute (rpm), lateral acceleration, brake movements and throttle movements of particular driver on television sets.

ADVANTAGE - The UHF radio audio transmission are available to viewer in same way in which they are available to the spectator attending the automobile racing event, by transmitting telemetry data corresponding to all of the teams at events. The telemetry data is graphically **monitored** in real **time** on **viewers television**, thereby **user** can select the desired data for **viewing**. At the same **time** a **user** can scan, hold or directly select any UHF transmission for audio monitoring. High precision global positioning system information is enabled by positioning the global positioning system transmitter near the sporting event.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of interactive sporting event broadcast and monitoring system.

TV set (27)

Television top decoder (29)

pp; 18 DwgNo 2/7

Title Terms: INTERACT; SPORTS; EVENT; MONITOR; SYSTEM; ULTRA; HIGH; FREQUENCY; TRANSMISSION; SELECT; **IDENTIFY**; SPORTS; EVENT; AUDIO; DATA; RELATIVE; CHANNEL; CONTEST; **IDENTIFY**; MONITOR; CHANNEL

Derwent Class: W02; W04; W05

International Patent Class (Main): G06F-003/00

International Patent Class (Additional): G08C-015/06; H04N-001/02; H04N-007/10

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File Segment: EPI

16/5/6 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014153368 \*\*Image available\*\*  
WPI Acc No: 2001-637587/200173  
XRPX Acc No: N01-476421

**Closed caption script monitoring method for interactive television  
broadcast system, involves comparing parsed closed caption script with  
search word and generating programmed event, when match is found**

Patent Assignee: INTEL CORP (ITLC )  
Inventor: KETRENOS J P; MATZ D J  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6198511	B1	20010306	US 98150591	A	19980910	200173 B

Priority Applications (No Type Date): US 98150591 A 19980910

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6198511	B1	7	H04N-005/76	

Abstract (Basic): US 6198511 B1

NOVELTY - A closed caption script received with TV program is  
parsed and compared with a search word in a comparator (16). A  
programmably selectable event which is audio or animation adjustment  
under control of software, is generated when a word in closed caption  
script matches search word.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for  
closed caption script monitoring program.

USE - For interactive television program broadcast system e.g.  
intercast viewer 1.0 which broadcasts TV programs with web content  
information to receiver computer.

ADVANTAGE - Responds even to audio content of television program  
automatically, enabling television viewer interact in an active way  
with **television program** content. Whenever an item of particular  
**interest of user** occurs, the computer system **monitors** and alerts  
**television viewer**, hence **viewer** can perform other jobs during  
other broadcast **period**.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic  
depiction of interactive broadcast system.

Comparator (16)

pp; 7 DwgNo 1/5

Title Terms: CLOSE; CAPTION; SCRIPT; MONITOR; METHOD; INTERACT; TELEVISION;  
BROADCAST; SYSTEM; COMPARE; CLOSE; CAPTION; SCRIPT; SEARCH; WORD;

GENERATE; PROGRAM; EVENT; MATCH; FOUND

Derwent Class: S05; T01; W01; W03

International Patent Class (Main): H04N-005/76

File Segment: EPI

16/5/7 (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012399299 \*\*Image available\*\*  
WPI Acc No: 1999-205406/199918  
XRPX Acc No: N99-151343

**Method for clearing unexploded mines from ground**

Patent Assignee: BANERJEE V K (BANE-I)  
Inventor: BANERJEE V K  
Number of Countries: 001 Number of Patents: 001



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Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2237972	A	19981119	CA 2237972	A	19980519	199918 B

Priority Applications (No Type Date): US 9747071 P 19970519

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CA 2237972	A	22	G01V-003/12	

Abstract (Basic): CA 2237972 A

NOVELTY - The method involves transmitting a proving electromagnetic waveform into a patch of ground at a power greater than that required to induce a measurable electromagnetic field in unexploded mines. A detection waveform with the same **characteristics** but a lower power is then transmitted and is sufficient to induce a measurable electromagnetic field in the mine. The induced field is used to **identify** the presence of the mine.

USE - To detect and remove mines from land used for military purposes and return it to a safe, **habitable** environment.

ADVANTAGE - Metal detector used to detect mines in one area does not trigger mines in nearby area to explode. Two-step process ensures that precision is maintained.

DESCRIPTION OF DRAWING(S) - The figure **shows** a top view of a human **personnel**-conveyed **time** domain metal **detector** following in the path proved by the higher-powered EM transmitter.

human operator (1)  
active electromagnetic metal detector (3)  
first electromagnetic detection transmitter (4)  
unexploded mine (5)  
area of ground to be decommissioned (6)  
leading vehicle (7)  
second electromagnetic proving transmitter (8)  
safe path (9)  
proving transmitter coil (20)  
controller (21)  
second signal generator (22)  
connector (23)  
pp; 22 DwgNo 2/3

Title Terms: METHOD; CLEAR; MINE; GROUND

Derwent Class: Q79; S03; W07

International Patent Class (Main): G01V-003/12

International Patent Class (Additional): F41H-011/12; G01V-003/11;  
G01V-009/00

File Segment: EPI; EngPI

16/5/8 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008212598 \*\*Image available\*\*

WPI Acc No: 1990-099599/199013

XRPX Acc No: N90-076970

**Television viewer monitoring system - detects changes in eye blink rates or changes in pupil dilation of each individual thus determines emotional responses indicated for each in**

Patent Assignee: SCARAMPI S (SCAR-I)

Inventor: SCARAMPI S

Number of Countries: 015 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9002453	A	19900308	WO 89US3647	A	19890823	199013 B
US 4931865	A	19900605	US 88235927	A	19880824	199026
AU 8943034	A	19900323				199033
EP 433384	A	19910626	EP 89910795	A	19890823	199126

December 31, 2002

CA 1330368 C 19940621 CA 609242 A 19890824 199430  
EP 433384 A4 19911211 EP 89910795 A 19890000 199520

Priority Applications (No Type Date): US 89295790 A 19890111; US 88235927 A 19880824

Cited Patents: EP 195639; EP 284225; US 4075657; US 4623230; US 4646145; US 4658290; US 4695879; US 4769697; US 4779198; US 4792864; EP 240336; GB 2167255; US 4720189

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
WO 9002453 A E 29

Designated States (National): AU JP

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

EP 433384 A

Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

CA 1330368 C H04H-009/00

Abstract (Basic): WO 9002453 A

The monitor apparatus comprises a sensor for detecting reflections from or energy radiating from the eyes of an individual in the viewing area of the television. A device determines whether the detected reflections or radiations satisfies predetermined criteria indicating that the individual is viewing the television. A signal is transmitted into the viewing area of the television and the sensor for detecting reflections comprises a detector.

The time intervals or total times the individual is viewing the television and the identity of the television channel or television program is recorded and the time intervals or total times the television is viewed by the individual is correlated with the programs or parts viewed by the individual.

ADVANTAGE - Monitors times at which particular programs are viewed even when program is recorded on VCR and viewed at later time.

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Title Terms: TELEVISION; VIEW; MONITOR; SYSTEM; DETECT; CHANGE; EYE; BLINK; RATE; CHANGE; PUPIL; DILATED; INDIVIDUAL; DETERMINE; EMOTIONAL; RESPOND; INDICATE

Index Terms/Additional Words: AUDIENCE; RESEARCH

Derwent Class: S05; W02; W04

International Patent Class (Main): H04H-009/00

International Patent Class (Additional): G06K-009/00

File Segment: EPI

16/5/9 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007225615

WPI Acc No: 1987-222623/198732

XRPX Acc No: N87-166457

**TV viewing monitor unit - has unit worn by individuals that activates monitoring unit only when they are looking at screen**

Patent Assignee: WEINBLATT L S (WEIN-I)

Inventor: WEINBLATT L S

Number of Countries: 010 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 231427	A	19870812	EP 86110912	A	19860807	198732 B
JP 62186689	A	19870815	JP 86179817	A	19860730	198738
US 4695879	A	19870922	US 86827760	A	19860207	198740
EP 231427	B	19920219				199208
DE 3683935	G	19920326				199214

Priority Applications (No Type Date): US 86827760 A 19860207

Cited Patents: A3...8901; GB 2140947; GB 2146152; No-SR.Pub

December 31, 2002

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 231427	A	E	17		
Designated States (Regional): CH DE FR GB IT LI NL SE					
US 4695879	A		6		
EP 231427	B				
Designated States (Regional): CH DE FR GB IT LI NL SE					

Abstract (Basic): EP 231427 A

Apparatus is usable with a recording device (14) coupled to a timer (5) of a television set for storing a television channel to which the tuner is tuned. A stationary monitoring unit (20) is adapted to be placed in close proximity to the set. The unit includes a first transmitter (22) for regularly emitting an activation signal. A first receiver (24) and a signal **identification** circuit (26) are coupled to the output of the receiver. A portable monitoring unit (30) is adapted to be worn by the selected individual and includes a second receiver (32) coupled to a signal control (34). The second receiver is responsive to the activation signal only when the individual wearing it is looking in the direction of the set. The signal control is responsive only to the activation signal to generate a control signal. A second transmitter (36) is responsive to the control signal for emitting an **identification** signal unique to the selected individual wearing the monitoring unit. The signal **identification** circuit of the stationary monitoring unit recognizes each **identification** signal and generates a viewer signal to be stored in association with the corresponding recorded television channel.

ADVANTAGE - The equipment is readily adapted to that conventionally in present use, is relatively low cost, reliable and compact, and minimizes interference with program enjoyment in that it does not require deliberate action on the part of the viewer to record the viewing **habits** .

/2

Title Terms: TELEVISION; VIEW; MONITOR; UNIT; UNIT; WEAR; INDIVIDUAL;  
ACTIVATE; MONITOR; UNIT; SCREEN  
Derwent Class: W02  
International Patent Class (Additional): H04H-009/00; H04N-017/00  
File Segment: EPI

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22/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03354789 \*\*Image available\*\*  
SCREEN ANGLE CONTROLLER

PUB. NO.: 03-017689 [JP 3017689 A]  
PUBLISHED: January 25, 1991 (19910125)  
INVENTOR(s): YABUUCHI MASAMI  
APPLICANT(s): OMRON CORP [000294] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 01-152512 [JP 89152512]  
FILED: June 15, 1989 (19890615)  
INTL CLASS: [5] G09F-009/00; H04N-005/00; H04N-005/64  
JAPIO CLASS: 44.9 (COMMUNICATION -- Other); 44.6 (COMMUNICATION --  
Television )  
JOURNAL: Section: P, Section No. 1188, Vol. 15, No. 140, Pg. 24, April  
09, 1991 (19910409)

#### ABSTRACT

PURPOSE: To **view** a display screen in the best screen state at all **times**  
by **detecting** the arrangement relation between the display screen and a  
screen **viewing person** and adjusting the display screen automatically  
under fuzzy control to an easy-to-see angle for the viewing person.

CONSTITUTION: An infrared-ray detecting circuit 46 is incorporated below  
the front surface of the liquid crystal screen 1 to detect infrared rays  
emitted by the viewing person M, detect the direction of the viewing person  
M from the incidence direction, and further detect the part where an  
infrared-ray area is circular, thereby deciding it as the head part. The  
right-left adjustment angle .alpha.of the liquid crystal screen 1 is  
obtained by conversion from the direction of the viewing person M and a  
servomotor M1 is driven according to the **value** to adjust the screen to  
the best right-left adjustment angle .alpha. in the right-left direction.  
Further, a distance measuring sensor and circuit 48 is incorporated in a  
control part main body 3 to measure the distance 1 to the head part and the  
elevation angle .theta. to the head part. The up-down adjustment angle  
.beta. of the liquid crystal screen 1, the sound volume of a speaker 4,  
etc., are calculated by fuzzy reasoning from said obtained **values** .

22/5/2 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014406265 \*\*Image available\*\*  
WPI Acc No: 2002-226968/200228  
XRAM Acc No: C02-069045  
XRPX Acc No: N02-174238

**Cage or item of cage furniture for use by caged animal for industrial or  
research settings comprises material which is transparent or translucent  
to human observer but darkened or opaque to caged animal**

Patent Assignee: MEDICAL RES COUNCIL (MEDI-N)  
Inventor: HEWETT A S; KEY D A  
Number of Countries: 097 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200203782	A2	20020117	WO 2001GB2949	A	20010703	200228 B
AU 200167717	A	20020121	AU 200167717	A	20010703	200234
EP 1207746	A1	20020529	EP 2001945502	A	20010703	200243
			WO 2001GB2949	A	20010703	

Priority Applications (No Type Date): GB 200016507 A 20000706  
Patent Details:

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Patent No Kind Lan Pg Main IPC Filing Notes  
WO 200203782 A2 E 19 A01K-000/00  
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW  
AU 200167717 A A01K-001/00 Based on patent WO 200203782  
EP 1207746 A1 E A01K-001/00 Based on patent WO 200203782  
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200203782 A2

NOVELTY - A cage or an item of cage furniture comprises a material which is transparent or translucent to a human observer but is perceived as darkened or opaque by a caged animal.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of making a cage or an item of cage furniture.

USE - For use by a caged animal, e.g., mouse, rat, hamster, for use in industrial/research settings.

ADVANTAGE - The cage or shelter formed from material perceived by animals as being dark approximates closely the holes or nests which mice use in their natural **habitat**. This encourages greater use of the shelter and **behavioral** activity which more closely follows that adopted by animals in their natural **habitat**. At the same time, a **person** working with or **looking** after the caged animals can **observe** the animals at all **times**. The invention provides an improved degree of environmental enrichment for the caged animals while not obstructing visual observation of the animals within the cage or using the cage furniture.

DESCRIPTION OF DRAWING(S) - The figure **shows** a prototype of an item of cage furniture in a corner of a conventional animal cage.

pp; 19 DwgNo 1/4

Title Terms: CAGE; ITEM; CAGE; FURNITURE; CAGE; ANIMAL; INDUSTRIAL;  
RESEARCH; SET; COMPRISE; MATERIAL; TRANSPARENT; TRANSLUCENT; HUMAN;  
OBSERVE; DARK; OPAQUE; CAGE; ANIMAL

Derwent Class: A97; P14

International Patent Class (Main): A01K-000/00; A01K-001/00

File Segment: CPI; EngPI

22/5/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012339324 \*\*Image available\*\*

WPI Acc No: 1999-145431/199913

XRPX Acc No: N99-105940

**Automatic software installation for client-server data processing system**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: KNOX R I; SYED S

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2329266	A	19990317	GB 9719112	A	19970910	199913 B
US 5978911	A	19991102	US 97967806	A	19971112	199953

Priority Applications (No Type Date): GB 9719112 A 19970910

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2329266	A		21	G06F-011/00	
US 5978911	A			G06F-009/44	

Abstract (Basic): GB 2329266 A

December 31, 2002

NOVELTY - A number of installation operations are executed on the **client** to load the software. Successful completion of each operation is **monitored** using **watchdog timer** code, in form of a device driver received from the server during installation. At the start of each operation a time **value**, larger than required to complete that operation, is written to the watchdog timer. If the counter expires before the operation is complete, an error is detected, and the client system is automatically rebooted.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a data processing system having software for installation stored upon it.

USE - Automatic error recovery during software installation from server to client.

ADVANTAGE - Remote client system does not require an administrator to reset it if an error occurs while installing software from a server.

DESCRIPTION OF DRAWING(S) - The figure **shows** a flow chart **showing** the steps of the software installation process.

pp; 21 DwgNo 4/4

Title Terms: AUTOMATIC; SOFTWARE; INSTALLATION; CLIENT; SERVE; DATA;

PROCESS; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-009/44; G06F-011/00

File Segment: EPI

December 31, 2002

26/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014658025 \*\*Image available\*\*  
WPI Acc No: 2002-478729/200251  
XRPX Acc No: N02-378030

**Multipath meter for characterizing signals received by antenna, analyzes parameters of received signal, to determine presence of signal component that adversely affect processing of direct signal components**

Patent Assignee: JAKAB A (JAKA-I); TOWNSEND B (TOWN-I); WIEBE J (WIEB-I)

Inventor: JAKAB A; TOWNSEND B; WIEBE J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020036585	A1	20020328	US 2000178115	A	20000126	200251 B
			US 2001768092	A	20010123	

Priority Applications (No Type Date): US 2000178115 P 20000126; US 2001768092 A 20010123

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020036585	A1	10	G01S-003/02	Provisional application US 2000178115

Abstract (Basic): US 20020036585 A1

NOVELTY - A subsystem determines estimates of parameters such as amplitude, delay and phase of a direct signal component and multipath signal components of a received signal. Another subsystem analyzes the parameters, to determine whether the signal components that adversely affect the processing of direct signal components are present.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for system for characterizing signals received by antenna.

USE - For characterizing signals received by receiver antenna of GPS system.

ADVANTAGE - The meter analyzes the parameter in real time, to determine if satellite failure or some other type of signal failure has occurred. The meter retains the calculated values of signal failure and plots the values over time, so that a user can review them to determine the desirability of a particular location as an antenna site.

DESCRIPTION OF DRAWING(S) - The figure shows the elevational view of receiving antenna.

pp; 10 DwgNo 1/4

Title Terms: MULTIPATH; METER; CHARACTERISTIC; SIGNAL; RECEIVE; ANTENNA; ANALYSE; PARAMETER; RECEIVE; SIGNAL; DETERMINE; PRESENCE; SIGNAL; COMPONENT; ADVERSE; AFFECT; PROCESS; DIRECT; SIGNAL; COMPONENT

Derwent Class: S01; W02; W06

International Patent Class (Main): G01S-003/02

File Segment: EPI

26/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014589756 \*\*Image available\*\*  
WPI Acc No: 2002-410460/200244  
XRPX Acc No: N02-322646

**Microwave-based human body detector for toilet fixture, calculates biological information of each person by comparing the detected Doppler frequency shift of microwaves with fixed value**

Patent Assignee: TOTO LTD (TTOC )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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December 31, 2002

JP 2002071825 A 20020312 JP 2000263085 A 20000831 200244 B

Priority Applications (No Type Date): JP 2000263085 A 20000831

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002071825	A		5	G01V-003/12	

Abstract (Basic): JP 2002071825 A

NOVELTY - A microwave is transmitted onto an usage area and a detector detects the Doppler frequency shift of the microwave received using an antenna. A comparator compares the detected frequency shift with the fixed value. The biological information of each person is detected, based on the comparison.

USE - For detecting existence of persons in kitchen, wash room, bathroom and while using toilet fixture, shower.

ADVANTAGE - Enables detecting biological information like respiration and heart rate of each person effectively.

DESCRIPTION OF DRAWING(S) - The figure shows an explanatory view of the human body under biological information detection.

pp; 5 DwgNo 6/8

Title Terms: MICROWAVE; BASED; HUMAN; BODY; DETECT; TOILET; FIX; CALCULATE; BIOLOGICAL; INFORMATION; PERSON; COMPARE; DETECT; DOPPLER; FREQUENCY; SHIFT; MICROWAVE; FIX; VALUE

Derwent Class: S03

International Patent Class (Main): G01V-003/12

International Patent Class (Additional): G01N-022/00; G01S-013/04

File Segment: EPI

26/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014486027 \*\*Image available\*\*

WPI Acc No: 2002-306730/200235

Related WPI Acc No: 2002-306734; 2002-306740

XRFX Acc No: N02-239803

Digital video tape recorder in digital camcorder, stores material identifying code in user definable bits of slant track video time code and linear track time code

Patent Assignee: SONY UK LTD (SONY ); COLLINS A (COLL-I); DAVID M W A (DAVI-I); DORRICOT M R (DORR-I); WILKINSON J H (WILK-I)

Inventor: DAVID M W A; COLLINS A; DORRICOT M R; WILKINSON J H

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2361091	A	20011010	GB 20008398	A	20000405	200235 B
US 20020131764	A1	20020919	WO 2001GB1458	A	20010330	200264
			US 200116828	A	20011204	

Priority Applications (No Type Date): GB 20008398 A 20000405; GB 20008426 A 20000405; GB 20008436 A 20000405

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2361091	A		10	G11B-027/28	
US 20020131764	A1			H04N-005/783	Cont of application WO 2001GB1458

Abstract (Basic): GB 2361091 A

NOVELTY - The recorder stores a slant track video time code and a linear track time code having user definable data bits on a tape medium. The recorder stores a material identifying code in the user definable bits of the slant track video time code and the linear track time code.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:



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- (a) Digital video tape recording method;
- (b) Tape medium; and
- (c) Tape format

USE - Digital video tape recorder in digital cam corder.

ADVANTAGE - Provides for a reliable replay of the material identifying code across a range of reply speed, since the material identifying code is effectively twice in the slant track time code and the linear track time code.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of the digital camcorder.

pp; 10 DwgNo 3/3

Title Terms: DIGITAL; VIDEO; TAPE; RECORD; DIGITAL; CAMCORDER; STORAGE; MATERIAL; IDENTIFY; CODE; USER; DEFINE; BIT; SLANT; TRACK; VIDEO; TIME; CODE; LINEAR; TRACK; TIME; CODE

Derwent Class: T01; T03; W04

International Patent Class (Main): G11B-027/28; H04N-005/783

File Segment: EPI

26/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014470205 \*\*Image available\*\*

WPI Acc No: 2002-290908/200233

Related WPI Acc No: 1999-276091; 2000-222892

XRPX Acc No: N02-227078

**Multilayered set of sheets in board game, has conductive pattern with specific resonant frequency, formed surrounding conductive material pattern formed adjacent to one surface of sheets**

Patent Assignee: BERGER H H (BERG-I); STAR J (STAR-I)

Inventor: BERGER H H; STAR J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6347813	B1	20020219	US 94336871	A	19941109	200233 B
			US 96755002	A	19961122	
			US 98223683	A	19981230	

Priority Applications (No Type Date): US 98223683 A 19981230; US 94336871 A 19941109; US 96755002 A 19961122

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6347813	B1	29	B42D-015/00		CIP of application US 94336871
					CIP of application US 96755002
					CIP of patent US 6027408

Abstract (Basic): US 6347813 B1

NOVELTY - Graphics is formed on one surface of two sheets and conductive material pattern with specific resonance frequency is formed adjacent to their other surfaces. A conductive pattern with different resonant frequency is formed surrounding the material pattern. The two sheets are formed sequentially so that their first surfaces are alone visible to user. **Patterns** having specific resonant **frequency** are **individually detectable** from first surface of the sheets.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for multipaged interactive text and graphics book producing method.

USE - In board game.

ADVANTAGE - After adjoining page sheets are printed on both sides, an insulating layer is needed between the two facing sides with their conducting ink patterns to avoid short circuiting the device patterns.

DESCRIPTION OF DRAWING(S) - The figure shows a fragmentary perspective view of board with broken away portion of playing surface to reveal hidden devices.

pp; 29 DwgNo 5/29

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Title Terms: MULTILAYER; SET; SHEET; BOARD; GAME; CONDUCTING; PATTERN;  
SPECIFIC; RESONANCE; FREQUENCY; FORMING; SURROUND; CONDUCTING; MATERIAL;  
PATTERN; FORMING; ADJACENT; ONE; SURFACE; SHEET  
Derwent Class: P76; T01; W04  
International Patent Class (Main): B42D-015/00  
File Segment: EPI; EngPI

26/5/5 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013896404 \*\*Image available\*\*  
WPI Acc No: 2001-380617/200140  
XRPX Acc No: N01-279044

**Programmable selective digital broadcasting reception system has  
execution program engine which refers to user and contents attribute  
values and executes program to detect whether to playback broadcasting  
contents**

Patent Assignee: NEC CORP (NIDE ); SHIMAZU H (SHIM-I)  
Inventor: SHIMAZU H  
Number of Countries: 028 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010003847	A1	20010614	US 2000730633	A	20001206	200140 B
EP 1107592	A2	20010613	EP 2000126797	A	20001206	200141
JP 2001230740	A	20010824	JP 2000374042	A	20001208	200156

Priority Applications (No Type Date): JP 99349564 A 19991208

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010003847	A1		16	G06F-003/00	
EP 1107592	A2	E		H04N-007/16	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

JP 2001230740 A 16 H04H-001/00

Abstract (Basic): US 20010003847 A1

NOVELTY - Broadcasting contents programs (50) received by reception apparatus (20) is stored. An execution program engine refers attribute values of contents attribute storage unit and user attribute storage unit to incorporate and execute execution program which determines whether to play back broadcast contents when broadcasting contents are detected to be broadcast, stored contents are transmitted to playback unit.

DETAILED DESCRIPTION - Broadcasting contents program formed from broadcasting contents serving as data of contents to be broadcast, contents attribute having a pair of an attribute and an attribute value of broadcasting contents and an execution program which describes a processing algorithm. for determining whether to playback broadcast contents, is received by reception unit of reception apparatus. A user attribute storage unit stores a pair of an attribute and an **attribute value** of a **user**. A current **time** acquisition unit **detects** current **time** and writes the current time at a time attribute value storage location of user attribute storage unit at a predetermined time interval. A current place acquisition unit detects a current place of the user and writes the current place at a place attribute value storage location of user attribute storage unit at a preset time interval. An attribute input unit inputs attribute and attribute value of user attribute storage unit. A broadcasting contents storage unit respectively reads out and stores contents of the execution program, contents attribute and broadcasting contents from the broadcasting contents program received by radio reception unit, where broadcasting contents are determined to be broadcast, broadcasting contents are transmitted to playback unit which plays back the broadcast content.

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INDEPENDENT CLAIMS are also included for the following:

(a) Programmable selective digital broadcasting apparatus;  
(b) Programmable selective digital broadcasting reception apparatus  
USE - For digital broadcasting of broadcasting contents having JAVA  
applet, script language and active network, selectively.

ADVANTAGE - The broadcasting side designates together with  
transmitted broadcasting contents situation in which the broadcasting  
side wants the recipient to view the broadcasting contents.  
Permission/inhibition of broadcasting of broadcasting contents are  
dynamically changed the accordance with the situation of the receiving  
side. Loading of execution programs on reception apparatus is easily  
realized.

DESCRIPTION OF DRAWING(S) - The figure shows the whole arrangement  
of a broadcasting system.

Reception apparatus (20)

Broadcasting contents program (50)

pp; 16 DwgNo 1/6

Title Terms: PROGRAM; SELECT; DIGITAL; BROADCAST; RECEPTION; SYSTEM;

EXECUTE; PROGRAM; ENGINE; REFER; USER; CONTENT; ATTRIBUTE; VALUE; EXECUTE  
; PROGRAM; DETECT; PLAYBACK; BROADCAST; CONTENT

Derwent Class: T01; W02; W03; W06

International Patent Class (Main): G06F-003/00; H04H-001/00; H04N-007/16

International Patent Class (Additional): H04B-001/16; H04N-005/44;

H04N-005/445; H04N-007/08; H04N-007/081; H04N-007/173

File Segment: EPI

26/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013550388 \*\*Image available\*\*

WPI Acc No: 2001-034594/200105

XRFX Acc No: N01-027142

**Magnetic searching apparatus of person under sediment of collapsed  
building, has alternating magnetic field generator mounted in worker's  
helmet to generate alternating magnetic field of specified frequency**

Patent Assignee: TAU GIKEN KK (TAUG-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000275352	A	20001006	JP 9984239	A	19990326	200105 B

Priority Applications (No Type Date): JP 9984239 A 19990326

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000275352	A	7	G01V-003/10	

Abstract (Basic): JP 2000275352 A

NOVELTY - An alternating magnetic field generator (7) is mounted in  
the engineering worker's helmet (6), that generates alternating  
magnetic field of predetermined frequency other than the **commercial  
frequency**. A **detector** displays the **value** of alternating magnetic  
field of predetermined frequency.

USE - For searching person under sediment of collapsed building,  
cliff, boulder flow.

ADVANTAGE - Enables easy detection of person under sediment  
irrespective of whether the person is alive or dead.

DESCRIPTION OF DRAWING(S) - The figure shows the external view of  
helmet with alternating magnetic field generator.

Helmet (6)

Alternating magnetic field generator (7)

pp; 7 DwgNo 2/10

Title Terms: MAGNETIC; SEARCH; APPARATUS; PERSON; SEDIMENT; COLLAPSE; BUILD  
; ALTERNATE; MAGNETIC; FIELD; GENERATOR; MOUNT; WORK; HELMET; GENERATE;

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ALTERNATE; MAGNETIC; FIELD; SPECIFIED; FREQUENCY  
Derwent Class: S01; S03  
International Patent Class (Main): G01V-003/10  
File Segment: EPI

26/5/7 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013456956 \*\*Image available\*\*  
WPI Acc No: 2000-628899/200061  
XRPX Acc No: N00-465965

**Card with machine-readable information carrier for storing numerical data  
has power source and display integrated flush with check card**

Patent Assignee: KUBACH K (KUBA-I)  
Inventor: KUBACH K  
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19904686	A1	20000810	DE 1004686	A	19990205	200061 B

Priority Applications (No Type Date): DE 1004686 A 19990205

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 19904686	A1	4	G06K-019/07	

Abstract (Basic): DE 19904686 A1

NOVELTY - Solar cell power source and liquid crystal display device  
(1.4) are electronically connected to microchip information carrier  
(1.3) with on/off switch provided. Card has check card format with  
display, power source, and switch integrated flush with card.  
Connection between on/off switch and display is secured by access code.

USE - For credit card, cash card, check card etc.

ADVANTAGE - The **user** can **check** a current balance at any **time**  
by reading off a numerical **value**.

DESCRIPTION OF DRAWING(S) - The drawing shows a front view of the  
card.

Information carrier (1.3)

Display device (1.4)

pp; 4 DwgNo 1/2

Title Terms: CARD; MACHINE; READ; INFORMATION; CARRY; STORAGE; NUMERIC;

DATA; POWER; SOURCE; DISPLAY; INTEGRATE; FLUSH; CHECK; CARD

Derwent Class: T01; T04; T05; U12

International Patent Class (Main): G06K-019/07

International Patent Class (Additional): G06F-017/60

File Segment: EPI

26/5/8 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013326321 \*\*Image available\*\*  
WPI Acc No: 2000-498260/200044  
XRAM Acc No: C00-149454  
XRPX Acc No: N00-369266

**Ion beam deposition of a diamond-like carbon film comprises providing a  
vacuum chamber and a radio frequency excited-inductively coupled ion  
source, and accelerating the ion beam towards a substrate**

Patent Assignee: US SEC OF AIR FORCE (USAF )

Inventor: BLETZINGER P; LANTER W C; WU R L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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December 31, 2002

US 6090456	A	20000718	US 9616534	A	19960503	200044	B
			US 97850580	A	19970503		

Priority Applications (No Type Date): US 9616534 P 19960503; US 97850580 A  
19970503

### Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
US 6090456	A		7	H05H-001/24	Provisional application US 9616534
Abstract (Basic): US 6090456 A					

NOVELTY - Ion beam deposition of a diamond-like carbon film onto a substrate comprises providing a vacuum chamber (12) and a radio frequency excited-inductively coupled ion source (14) for generating an ion beam (24) of carbon-hydrogen ions inside the vacuum chamber. The ion beam is then accelerated towards the substrate.

DETAILED DESCRIPTION - Ion beam deposition of a diamond-like carbon film onto a substrate comprises providing a vacuum chamber and a radio frequency excited-inductively coupled ion source for generating an ion beam of carbon-hydrogen ions inside the vacuum chamber. The ion beam is then accelerated towards the substrate. The accelerating energy for the ion beam is 750 eV. The carbon-hydrogen ions are generated from a flow of methane gas (CH<sub>4</sub>) and hydrogen gas (H<sub>2</sub>). The ratio of the flow rate of CH<sub>4</sub> gas to H<sub>2</sub> gas is 0.68.

USE - For depositing a diamond-like carbon film onto a zinc sulfide or zinc selenide infrared window.

ADVANTAGE - The invention can deposit diamond-like carbon coatings over large and non-planar substrate surface areas. The ion beam source will not contaminate ions extracted from the ion plasma, and has an extended lifetime and more efficiently transfers ions to the substrate. The characteristics of the source plasma can be monitored and controlled so that a **user** can **monitor** and control, on a real- **time** basis, the resulting **characteristics** of the diamond-like carbon coating.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of a diamond-like carbon ion deposition apparatus.

Vacuum chamber (12)

Ion source (14)

Ion beam (24)

pp; 7 DwgNo 1/1

Title Terms: ION; BEAM; DEPOSIT; DIAMOND; CARBON; FILM; COMPRISE; VACUUM;  
CHAMBER; RADIO; FREQUENCY; EXCITATION; INDUCTIVE; COUPLE; ION; SOURCE;  
ACCELERATE; ION; BEAM; SUBSTRATE

Derwent Class: L03; U11; V05; X14

International Patent Class (Main): H05H-001/24

International Patent Class (Additional): C23C-016/26

File Segment: CPI; EPI

26/5/9 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013233028      \*\*Image available\*\*

WPI Acc No: 2000-404902/200035

XRPX Acc No: N00-303451

Electronic game machine for personal computer, has management unit which terminates execution of game program, when the execution time reaches predetermined time

Patent Assignee: LSI JAPAN CO LTD (LSIN-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000140435	A	20000523	JP 98340972	A	19981113	200035	B

Priority Applications (No Type Date): JP 98340972 A 19981113

Patent Details:

December 31, 2002

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2000140435 A 7 A63F-013/00

Abstract (Basic): JP 2000140435 A

NOVELTY - Management unit with management of program (5,6), controls execution of game program (1) and learning program (2). The execution time of game and learning programs is monitored. When the monitored time reaches reference value, program execution is stopped.

USE - For PC connected to internet.

ADVANTAGE - Generation of failure by surplus usage of game machine is prevented as the program execution is terminated depending on score value.

DESCRIPTION OF DRAWING(S) - The figure shows explanatory view of electronic game machine.

Game program (1)

Learning program (2)

Program (5,6)

pp; 7 DwgNo 1/4

Title Terms: ELECTRONIC; GAME; MACHINE; PERSON; COMPUTER; MANAGEMENT; UNIT; TERMINATE; EXECUTE; GAME; PROGRAM; EXECUTE; TIME; REACH; PREDETERMINED; TIME

Derwent Class: P36; T01; W04

International Patent Class (Main): A63F-013/00

International Patent Class (Additional): G06F-001/00

File Segment: EPI; EngPI

26/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013092087 \*\*Image available\*\*

WPI Acc No: 2000-263959/200023

XRPX Acc No: N00-197456

Brightness level detection system for television receiver, outputs predefined message to user, when difference in brightness level detected at preset time interval is less than preset value

Patent Assignee: TOSHIBA KK (TOKE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000069392	A	20000303	JP 98232673	A	1998081	200023 B

Priority Applications (No Type Date): JP 98232673 A 19980819

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2000069392 A 7 H04N-005/58

Abstract (Basic): JP 2000069392 A

NOVELTY - A light receiver (45) detects brightness level of surroundings and stores it in memory of microcomputer (31) for every fixed time. The stored brightness level of surrounding is less than preset value. The stored level of brightness is compared with the brightness level detected before 10 seconds and if the difference in brightness level is less than preset value, predefined message is output to user.

USE - In television receiver.

ADVANTAGE - Offers sufficient information to viewer about message of the purport such as to make the interior of the room bright.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of television receiver. (31) Microcomputer; (45) Light receiver.

Dwg.1/5

Title Terms: BRIGHT; LEVEL; DETECT; SYSTEM; TELEVISION; RECEIVE; OUTPUT; PREDEFINED; MESSAGE; USER; DIFFER; BRIGHT; LEVEL; DETECT; PRESET; TIME;

December 31, 2002

INTERVAL; LESS; PRESET; VALUE  
Derwent Class: P85; W03  
International Patent Class (Main): H04N-005/58  
International Patent Class (Additional): G09G-005/00  
File Segment: EPI; EngPI

26/5/11 (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012798295 \*\*Image available\*\*  
WPI Acc No: 1999-604525/199952  
XRPX Acc No: N99-445804

**Engine operation time display device in watercraft - has light emitting diode in lower portion of non- waterproof chamber, which displays total operation time of engine and is visually observed by opening openable cover**

Patent Assignee: SUZUKI KK (SUZM )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11263290	A	19990928	JP 9870945	A	19980319	199952 B

Priority Applications (No Type Date): JP 9870945 A 19980319

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 11263290 A 6 B63B-049/00

Abstract (Basic): JP 11263290 A

NOVELTY - An LED (24) which displays total operation time of engine is provided in lower portion of non-waterproof chamber (8) closed by an openable cover. A check hole (26) is provided on floor surface (8a) of the chamber. The LED is observed visually by opening the cover.

USE - For watercraft.

ADVANTAGE - Due to the provision of openable cover, confirmation of total operation time of engine becomes simple. Since flashing **pattern** of LED is **shown**, a common **user** can also **study** the exact **value** of total **time** of engine, easily. DESCRIPTION OF DRAWING(S) - The figure shows sectional view of non-waterproof chamber with electrically equipped goods box with the openable cover removed. (8) Non-waterproof chamber; (8a) Floor surface; (24) LED; (26) Check hole.

Dwg.4/6

Title Terms: ENGINE; OPERATE; TIME; DISPLAY; DEVICE; WATERCRAFT; LIGHT; EMIT; DIODE; LOWER; PORTION; NON; WATERPROOF; CHAMBER; DISPLAY; TOTAL; OPERATE; TIME; ENGINE; VISUAL; OBSERVE; OPEN; OPEN; COVER

Derwent Class: Q13; Q24  
International Patent Class (Main): B63B-049/00  
International Patent Class (Additional): B60K-035/00; B63B-035/73  
File Segment: EngPI

26/5/12 (Item 12 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012373397 \*\*Image available\*\*  
WPI Acc No: 1999-179504/199915  
XRPX Acc No: N99-131793

**Audio visual material monitoring apparatus for CATV systems**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )  
Inventor: ARAS C M; GRIFFIN L B; LAI F; STAGG A J; SY K K  
Number of Countries: 001 Number of Patents: 001

Patent Family:  
Patent No Kind Date Applicat No Kind Date Week

December 31, 2002

US 5872588      A    19990216    US 95568113      A    19951206    199915    B

Priority Applications (No Type Date): US 95568113 A 19951206

Patent Details:

Patent No    Kind    Lan    Pg    Main    IPC    Filing    Notes  
US 5872588      A            51    H04N-007/16

Abstract (Basic): US 5872588 A

NOVELTY - The extracted identifier information are processed and stored in a collection table by a monitor (1555). The presentation of collection table is carried out in response to request by **user**. **Channel surfing periods** by a surfing **detector** accumulates each **channel period** into one **behavior** collection table entry. The contents of the table is transmitted in compressed form, when it reaches predetermined size.

DETAILED DESCRIPTION - An audiovisual (A-V) identifier decoder (1559) extracts an identifier information from selected data stream, based on request output by user. A surfing timer is provided in the surfing detector. If the time of presentation of selected audiovisual stream is less than timer threshold, then no extracted audiovisual identifier information is collected. The identifier information is collected, if the presentation time is greater than threshold time. The detector is operated in accordance with the command provided in identifier information. A communication adaptor (1557) transmits audiovisual identifier information on upstream channel in response to transmitting command. The transmission of the information is prohibited, when user wants privacy and is indicated through remote control. INDEPENDENT CLAIMS are also included for the following:

- (a) monitoring method;
- (b) audiovisual material distribution system;
- (c) article of manufacture for collecting information

USE - For CATV, HDTV broadcast system, ITV, FM cable and satellite radio application fields.

ADVANTAGE - Viewers availability is determined by sub portion identifiers included in audiovisual material. Permits determination of effectiveness of ability to customize and inject personalized advertisements into audiovisual materials.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of home station.

Monitor (1555)  
Communication adaptor (1557)  
AVI detector (1559)  
pp; 51 DwgNo 15/17

Title Terms: AUDIO; VISUAL; MATERIAL; MONITOR; APPARATUS; CATV; SYSTEM

Derwent Class: W02

International Patent Class (Main): H04N-007/16

File Segment: EPI

26/5/13      (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012347926      \*\*Image available\*\*

WPI Acc No: 1999-154033/199913

XRPX Acc No: N99-110999

**Computerized vision system for detecting and tracking personnel**

Patent Assignee: INTERVAL RES CORP (INTE-N); BAKER H (BAKE-I); DARRELL T (DARR-I); GORDON G (GORD-I); HARVILLE M (HARV-I); WOODFILL J (WOOD-I)

Inventor: BAKER H; DARRELL T; GORDON G; HARVILLE M; WOODFILL J

Number of Countries: 083    Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9906940	A1	19990211	WO 98US15323	A	19980731	199913    B
AU 9885848	A	19990222	AU 9885848	A	19980731	199927



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EP 998718	A1	20000510	EP 98937051	A	19980731	200027
			WO 98US15323	A	19980731	
US 6188777	B1	20010213	US 9754572	A	19970801	200111
			US 98102101	A	19980622	
US 20010000025	A1	20010315	US 9754572	A	19970801	200116
			US 98102101	A	19980622	
			US 2000726425	A	20001201	
US 6445810	B2	20020903	US 9754572	A	19970801	200260
			US 98102101	A	19980622	
			US 2000726425	A	20001201	

Priority Applications (No Type Date): US 98102101 A 19980622; US 9754572 P 19970801; US 2000726425 A 20001201

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9906940	A1	E	37	G06K-009/00	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9885848	A				Based on patent WO 9906940
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EP 998718	A1	E		G06K-009/00	Based on patent WO 9906940
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Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

US 6188777	B1			G06K-009/00	Provisional application US 9754572
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US 20010000025	A1			G06K-009/00	Provisional application US 9754572
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US 6445810	B2			G06K-009/00	Div ex application US 98102101 Provisional application US 9754572 Div ex application US 98102101 Div ex patent US 6188777
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Abstract (Basic): WO 9906940 A1

NOVELTY - Video cameras (20,25) are used to observe a person (40) through a viewing aperture (60) in order to produce image data. Three modules are used to refine or validate the results obtained by one of the other tracking modules. The personnel classification module estimates the identity of the person whose image has been detected.

USE - For detecting and tracking people in a scene.

ADVANTAGE - Provides real- **time identification and tracking of people** over a range of time periods, in an unknown background, under crowded conditions, and for a rapidly changing pose or expression of the person.

DESCRIPTION OF DRAWING(S) - The figure shows the hardware implementation of an interactive display.

Video cameras (20,25)

Video display (30)

Mirror (35)

Target person (40)

Plinth (50)

Viewing aperture (60)

pp; 37 DwgNo 1/10

Title Terms: COMPUTER; VISION; SYSTEM; DETECT; TRACK; PERSONNEL

Derwent Class: S05; T01; T04; T05; W04; W05

International Patent Class (Main): G06K-009/00

International Patent Class (Additional): G06T-007/20

File Segment: EPI

December 31, 2002

File 348:EUROPEAN PATENTS 1978-2002/Dec W03

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File 349:PCT FULLTEXT 1979-2002/UB=20021226,UT=20021219

(c) 2002 WIPO/Univentio

Set	Items	Description
S1	674417	VIEW? OR WATCH? OR LOOK?
S2	807758	SUBSCRIBER? OR USER? OR PERSON? OR PEOPLE OR MAN OR MEN OR WOM?N OR INDIVIDUAL? OR CUSTOMER? OR CONSUMER? OR CLIENT?
S3	1007536	TIME? OR PERIOD? OR SESSION? OR INTERVAL? OR FREQUENC?
S4	1085626	PROGRAM? OR CHANNEL? OR COMMERCIAL? OR ADVERTI? OR AD OR A-DS OR TV OR TELEVISION? OR SHOW? OR SITCOM? OR PLUG?
S5	993809	PROFILE? OR OUTLIN? OR PATTERN? OR CRITERIA? OR CHARACTERISTIC? OR HABIT? OR ATTRIBUT? OR INTEREST? OR LIKES OR DISLIKES OR BEHAVIOR? OR VALUE? OR DEMOGRAPHIC? OR PARAMETER? OR IDENTIF?
S6	1647759	MONITOR? OR JUDG? OR TRACK? OR INSPECT? OR REVIEW? OR ASSESS? OR EXAMIN? OR OBSERV? OR CHECK? OR SCRUTINIZ? OR STUDY OR STUDI? OR DETECT? OR OVERSEE? OR AUDIT? OR TRACE? OR TRACING - OR EVALUAT?
S7	57294	S1(S)S2(S)S4
S8	167371	S3(5N)S6
S9	1934	S7(S)S8
S10	1167	S9(S)S5
S11	1	S10 AND IC=H04N-017/00
S12	5709	S6(5N)S2(5N)S1
S13	858	S12(S)S4(S)S3
S14	166	S12(5N)S4(5N)S3
S15	73	S14(S)S5
S16	35	S14(5N)S5
S17	9	S16/TI,AB,CM
S18	9	S17 NOT S11
S19	43	S14(10N)S5
S20	13	S15/TI,AB,CM
S21	392	S8(5N)S1(5N)S2
S22	133	S21(S)S4
S23	82	S21(5N)S4
S24	36	S23(S)S5
S25	10	S23(10N)S5
S26	18	S23(15N)S5
S27	13	S26 NOT (S11 OR S20)
S28	731	S7(5N)S8
S29	60	S28(5N)S5
S30	59	S29(S)S4
S31	32	S29(5N)S4
S32	31	S31 NOT (S11 OR S18 OR S27)
S33	7	S32/TI,AB,CM

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11/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00957703

**Bitstream quality analyzer**

**Bitstromqualitatatanalysator**

**Analyseur de la qualite d'un train numerique**

PATENT ASSIGNEE:

Hewlett-Packard Company, (206030), 3000 Hanover Street, Palo Alto,  
California 94304, (US), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

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Van Den Branden Lambrecht, Christian, 1063 Morse Ave., Apartment 21-306,  
Sunnyvale, CA 94089, (US)  
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(CA)

LEGAL REPRESENTATIVE:

Schoppe, Fritz, Dipl.-Ing. (55468), Schoppe & Zimmermann, Patentanwalte,  
Postfach 71 08 67, 81458 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 869684 A2 981007 (Basic)

APPLICATION (CC, No, Date): EP 97121693 971209;

PRIORITY (CC, No, Date): US 832624 970404

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;  
MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: H04N-017/00 ; H04N-007/50

ABSTRACT EP 869684 A2

A bitstream quality analysis system includes a demultiplexer (180), a bitstream quality analyzer (190), and a graphical user interface (200). The demultiplexer receives a bitstream and separates from the bitstream at least one elementary bitstream that includes a video elementary bitstream. The bitstream quality analyzer receives the video elementary bitstream from the demultiplexer and parses the video elementary bitstream to extract parameters characterizing the video elementary bitstream. The bitstream quality analyzer provides the extracted parameters to the graphical user interface, which displays the extracted parameters characterizing the video elementary bitstream. A user can monitor the video elementary bitstream at varying levels of detail, and can perform varying levels of quality analysis on the video elementary bitstream. Dependent on the level of monitoring an quality analysis selected by the user, the bitstream quality analyzer provides information relating to buffer usage and coding efficiency, and can predict the quality of the fully decoded video sequence without fully decoding the video elementary bitstream and without using the original video sequence.

ABSTRACT WORD COUNT: 168

LEGAL STATUS (Type, Pub Date, Kind, Text):

Assignee:	010328 A2	Transfer of rights to new applicant: Hewlett-Packard Company, A Delaware Corporation (3016020) 3000 Hanover Street Palo Alto, CA 94304 US
Application:	981007 A2	Published application (A1with Search Report ;A2without Search Report)
Withdrawal:	011212 A2	Date of withdrawal of application: 20011020
Assignee:	010808 A2	Transfer of rights to new applicant: Agilent Technologies Inc. a Delaware Corporation (2929950) 395 Page Mill Road Palo Alto, CA 94303 US
Assignee:	010404 A2	Transfer of rights to new applicant: Agilent Technologies, Inc. (2885687) 395 Page Mill Road Palo Alto, CA 94303 US
Assignee:	010801 A2	Transfer of rights to new applicant: Agilent

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Technologies Inc. (2929951) a Delaware  
Corporation 395 Page Mill Road Palo Alto, CA  
94303 US

Assignee: 011010 A2 Transfer of rights to new applicant: Agilent  
Technologies, Inc. (a Delaware corporation)  
(2885689) 395 Page Mill Road Palo Alto, CA  
94303 US

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9841	950
SPEC A	(English)	9841	8488
Total word count - document A			9438
Total word count - document B			0
Total word count - documents A + B			9438

INTERNATIONAL PATENT CLASS: H04N-017/00 ...

...SPECIFICATION to quickly view the fullness of the compressed video  
buffer using two different metrics, to **identify** risks of buffer under  
flow or overflow, to assess the efficiency of buffer utilization by the  
encoded video bitstream, and to **assess** the real- **time** decodability of  
the encoded video bitstream.

The Bit Analysis portion 405 of Fig. 13 displays...

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20/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01316298

Display of television program information using dynamically-adjusted scroll rate

Fernsehprogramminformationsanzeige mit einer dynamisch eingestellten Bildschirmrollgeschwindigkeit

Affichage d'information de programmes de television utilisant un taux de defilement sur ecran ajustable dynamiquement

PATENT ASSIGNEE:

International Business Machines Corporation, (200128), New Orchard Road, Armonk, NY 10504, (US), (Applicant designated States: all)

INVENTOR:

Bates, Cary Lee, c/o IBM United Kingdom Ltd., Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN, (GB)

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Santosuosso, John M., c/o IBM United Kingdom Ltd., Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN, (GB)

LEGAL REPRESENTATIVE:

Jennings, Michael John (80331), IBM United Kingdom Limited, Intellectual Property Department, Hursley Park, Winchester, Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 1124372 A2 010816 (Basic)

APPLICATION (CC, No, Date): EP 2001301184 010209;

PRIORITY (CC, No, Date): US 502394 000211

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-005/445

ABSTRACT EP 1124372 A2

An apparatus, program product and method dynamically adjust the scroll rate used to scroll through the program information for various television programs available to a television viewer to provide a variable rate of scroll for program information presented to the television viewer. The scroll rate may be varied, for example, to emphasize certain program information relative to other program information, e.g., by slowing down the scroll rate to increase the visibility for important program information and speeding up the scroll rate to decrease the visibility of less important program information. Dynamic scroll rate adjustment may be utilized in a number of situations, including in connection with non-interactive electronic program listings, interactive electronic program guides, and electronic overlays, among others. Furthermore, dynamic scroll rate adjustment may be based upon a number of different characteristics of the television programs associated with the displayed program information, including for example, the frequency of access of different television programs, or sponsorship of certain television programs.

ABSTRACT WORD COUNT: 161

NOTE:

Figure number on first page: 5

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010816 A2 Published application without search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200133	799
SPEC A	(English)	200133	7421
Total word count - document A			8220
Total word count - document B			0
Total word count - documents A + B			8220

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...CLAIMS the first television program.

10. The method of any preceding claim, further comprising monitoring viewing **habits** of a user, wherein dynamically adjusting a scroll rate at which the display is scrolled is based upon the **monitored viewing habits**.
11. The method of claim 10, wherein **monitoring the viewing habits** of the **user** includes accumulating the number of **times television** programs are **viewed** in excess of a predetermined threshold.
12. The method of claim 10, wherein monitoring the...

...comprising displaying the program information for at least a portion of the list of favorite **television** programs.

13. The method of claim 12, wherein **monitoring the viewing habits** of the **user** further includes sorting the list of favorite **television** programs based upon **frequency** of access.
14. The method of claim 13, wherein **monitoring the viewing habits** of the **user** further includes sorting the list of favorite **television** programs by **timeslot**, wherein sorting the list of favorite television programs based upon frequency of access includes sorting...

20/5,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00246847

Method and system for generating a description of the distribution of looking time as people watch television commercials.

Verfahren und Gerat zur Entwicklung der Darstellung der Sehzeitverteilung wenn Leute Fernsehwerbung beobachten.

Methode et systeme pour produire une description de la distribution du temps d'observation quand des personnes regardent les publicites a la television.

PATENT ASSIGNEE:

APPLIED SCIENCE GROUP INC., (852000), 335 Bear Hill Road, Waltham  
Massachusetts 02154, (US), (applicant designated states:  
AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

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Flagg, Barbara N., 33 Browns Lane, Bellport New York 11713, (US)

LEGAL REPRESENTATIVE:

Crawford, Andrew Birkby et al (29761), A.A. THORNTON & CO. Northumberland  
House 303-306 High Holborn, London WC1V 7LE, (GB)

PATENT (CC, No, Kind, Date): EP 240336 A2 871007 (Basic)

EP 240336 A3 890208

EP 240336 B1 920311

APPLICATION (CC, No, Date): EP 87302838 870401;

PRIORITY (CC, No, Date): US 848154 860404

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: A61B-003/10;

CITED PATENTS (EP A): US 4075657 A; EP 157973 A; GB 2103045 A; US 3542457 A

ABSTRACT EP 240336 A2

Method and system for generating a description of the distribution of looking time as people watch television commercials.

A method and system of obtaining the distribution of looking time in a television commercial for a group of individuals, each individual viewing a television commercial containing a video signal and a synchronized audio signal recorded on a real time basis to form the television commercial. This method or system comprises providing a unique isolation, visually neutral recording room with a video monitor for displaying a television commercial to a selected one of several individuals at a given general area in the neutral room. The neutral room has a dimly visible, near infrared light source shining in a given direction toward the

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selected one of the individuals at the given general area and in a given direction. When directed at the eye of said one of several individuals, said light source produces a reflection from the surface of the cornea of said eye. A video camera is disposed in said room so that its optical axis is coaxial with the direction of the light source, and a tracking mirror servo-mechanism is employed for directing the light source and camera toward the eye of the selected one of the individuals at the general area of the neutral room whereby the individual cannot perceive the camera or mirror, nor need the selected one of the individuals be connected to equipment in said visually neutral room. The method and system include displaying the television commercial to the individual in the room by way of a video monitor, detecting the point of gaze of the eye or eyes of the individual at selected time intervals by way of the displacement of the corneal reflection from the pupil at each of the selected time intervals, while the individual is viewing the television commercial from the general area in the special room, recording the eye point-of-gaze coordinates at each of the preselected intervals, producing a series of successive fixation parameters specifying eye fixations including recorded starting time, duration and x, y coordinates for each successive fixation of the eye of the individual while viewing the television commercial, recording the series of fixations in a given first data file, either previously or afterwards dividing the television commercial into a series of scenes each having a time duration and each made up of known areas of interest (AOI's) with a fixed set of x, y coordinates for each boundary of each area of interest of each scene, recording the starting time and duration of each scene, with the duration being selected as the time the areas of interest area is generally the same or the audio signal is completing a given audio concept, recording the scenes by starting time, duration and fixed coordinates of areas of interest in the scenes into a second data file, comparing the first and second data files for each individual to produce a third data file containing specific fixations in each area of interest in each scene of the combined video and audio television commercial, repeating the procedure again for a number of individuals and producing a compilation chart specifying the distribution of looking time in all areas of interest in each scene for the number of individuals present.

ABSTRACT WORD COUNT: 546

LEGAL STATUS (Type, Pub Date, Kind, Text):

Lapse:	20000126	B1	Date of lapse of European Patent in a contracting state (Country, date): AT 19920311, BE 19920311, CH 19920311, LI 19920311, FR 19920731, GR 19920311, IT 19920311, LU 19920430, NL 19920311, SE 19920311,
Application:	871007	A2	Published application (A1with Search Report ;A2without Search Report)
Search Report:	890208	A3	Separate publication of the European or International search report
Examination:	890705	A2	Date of filing of request for examination: 890426
Examination:	891102	A2	Date of despatch of first examination report: 890920
Grant:	920311	B1	Granted patent
Lapse:	920909	B1	Date of lapse of the European patent in a Contracting State: CH 920311, LI 920311
Lapse:	921119	B1	Date of lapse of the European patent in a Contracting State: CH 920311, LI 920311, SE 920311
Lapse:	921125	B1	Date of lapse of the European patent in a Contracting State: BE 920311, CH 920311, LI 920311, NL 920311, SE 920311
Lapse:	930120	B1	Date of lapse of the European patent in a Contracting State: AT 920311, BE 920311, CH 920311, LI 920311, NL 920311, SE 920311

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Oppn None: 930303 B1 No opposition filed  
Lapse: 930310 B1 Date of lapse of the European patent in a  
Contracting State: AT 920311, BE 920311, CH  
920311, LI 920311, FR 920731, NL 920311, SE  
920311  
Lapse: 991020 B1 Date of lapse of European Patent in a  
contracting state (Country, date): AT  
19920311, BE 19920311, CH 19920311, LI  
19920311, FR 19920731, IT 19920311, NL  
19920311, SE 19920311,  
Lapse: 991229 B1 Date of lapse of European Patent in a  
contracting state (Country, date): AT  
19920311, BE 19920311, CH 19920311, LI  
19920311, FR 19920731, IT 19920311, LU  
19920430, NL 19920311, SE 19920311,

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1654
CLAIMS B	(German)	EPBBF1	1562
CLAIMS B	(French)	EPBBF1	1923
SPEC B	(English)	EPBBF1	7985
Total word count - document A			0
Total word count - document B			13124
Total word count - documents A + B			13124

...CLAIMS connected to equipment in said room.

4. A method of generating a distribution of actual **looking time** of an **individual viewing a television program** comprising:  
**monitoring** the actual **looking time** of said **individual** according to the method as defined in claim 1,2 or 3; and  
further characterized...

...a start time and a duration and each being made up of known areas of **interest** with a fixed set of x,y coordinates defining each boundary for each area of **interest** of each scene said start times and durations being selected in accordance with the time for which said areas of **interest** are generally unchanged or said audio signal is presenting a given audio concept;  
recording said scenes by their starting time, duration and the fixed coordinates of areas of **interest** in said scenes into a first data file;  
comparing said fixation storage file and said...

...said individual to produce a second data file containing specific fixations in each area of **interest** in each scene of said combined video and audio television program.

5. A method according...connected to equipment in said room.

16. An appartus for generating a distribution of actual **looking time** of an **individual viewing a television program** comprising:

apparatus for **monitoring** the actual **looking time** of said **individual** according to the apparatus as defined in claim 13, 14 or 15; and  
further characterized...

...a start time and a duration and each being made up of known areas of **interest** with a fixed set of x,y coordinates defining each boundary for each area of **interest** of each scene said start times and durations being selected in accordance with the time for which said areas of **interest** are generally unchanged or said audio signal is presenting a given audio concept;  
means for recording said scenes by their starting time, duration and the fixed coordinates of areas of **interest** in said scenes into a first data file;



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means for comparing said fixation storage file...

...and adapted to produce a second data file containing specific fixations in each area of **interest** in each scene of said combined video and audio television program.

17. An apparatus for...

20/5,K/3 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00957074 \*\*Image available\*\*

SYSTEM AND METHOD FOR ENHANCING BROADCAST PROGRAMS WITH INFORMATION ON THE WORLD WIDE WEB

SYSTEME ET PROCEDE PERMETTANT D'AMELIORER LES EMISSIONS RADIODIFFUSEES PAR DES INFORMATIONS SUR LE WEB

Patent Applicant/Assignee:

INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Road, Armonk, NJ 10504, US, US (Residence), US (Nationality), (For all designated states except: MC US)

COMPAGNIE IBM FRANCE, Tour Descartes, 2, avenue Gambetta, F-92066 Paris La defense Cedex, FR, FR (Residence), FR (Nationality), (Designated only for: MC)

Patent Applicant/Inventor:

INCERTIS CARRO Fernando, c/612 - ndegrees9, Monte-Canada, Paterna, E-46182 Valencia, ES, ES (Residence), ES (Nationality), (Designated only for: US)

Legal Representative:

ETORRE Yves-Nicolas (agent), Compagnie IBM France, Direction de la Propriete Intellectuelle, F-06610 La Gaude, FR,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200291228 A2 20021114 (WO 0291228)

Application: WO 2002EP4952 20020411 (PCT/WO EP0204952)

Priority Application: EP 2001480034 20010510

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

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Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8763

English Abstract

The present invention is directed to a system and method for enabling a radio auditor or a television viewer (100) to access complementary information (101) related to a broadcast program (102) received in real-time. The preferred embodiment of the invention relates to a system and method for enabling a person (100) receiving a broadcast program (102), to select a plurality of topics drawing his or her attention (101) (103) and for immediately, or at a later time, accessing additional information related to these topics from the Word Wide Web. The system is based on a synchronization of the local times of receivers and transmitters according to a same universal-time (201) (202), so that the flow of information transmitted and received is always synchronized, independently of the relative positions of receivers and transmitters. The synchronization is done referring to an universal time such as the

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Global Positioning System Time (GPS-time), the Global Orbiting Navigational Satellite System (GLONASS) time or another suitable universal time based on a satellite system. The GPS or GLONASS receivers are connected or integrated to the broadcasting stations. At the receiver side, GPS or GLONASS receivers may be integrated or connected to devices (e.g., Personal Computers, wearable computers, Personal Digital Assistants (PDAs), smart phones or onboard mobile computers) that may be independent or separate from the radio or television receivers. The system is also based on a plurality of hyperlinks defined for given universal-time intervals of retransmission. The hyperlinks are associated with the transmitted information. The hyperlinks can be retrieved, selected and activated by radio auditors or television viewers during the time intervals for which they have been defined.

#### French Abstract

La presente invention concerne un systeme et un procede permettant a un auditeur radio ou un telespectateur (100) d'accéder a des informations complementaires (101) relatives a une emission radiodiffusee (102) recue en temps reel. Le mode de realisation preferé de l'invention concerne un systeme et un procede permettant a une personne (100) recevant une emission radiodiffusee (102), de selectionner une pluralite de sujets attirant son attention (101) (103) et, immediatement ou au moins ulterieurement, d'accéder a des informations additionnelles relatives a ces sujets a partir du Web. Ce systeme est base sur une synchronisation des heures locales des recepteurs et emetteurs selon un meme temps universel (201) (202), de telle maniere que le flux d'informations emis et recu est toujours synchronise quelles que soient les positions relatives des recepteurs et emetteurs. La synchronisation est faite en reference a un temps universel tel que le temps GPS systeme mondial de localisation-, le temps GLONASS systeme mondial par satellite de navigation sur orbite - ou un autre temps universel adapte base sur un systeme par satellite. Les recepteurs GPS ou GLONASS sont connectes ou integres aux stations de radiodiffusion. Cote recepteur, les recepteurs GPS ou GLONASS peuvent etre integres ou connectes aux dispositifs (notamment, ordinateurs personnels, ordinateurs portables, assistants numeriques personnels (PDA), telephones intelligents ou ordinateurs mobiles embarques) qui peuvent etre independants ou separees des recepteurs radio ou television. Le systeme est egalement base sur une pluralite d'hyperliens definis pour des intervalles de retransmission temps universel donnees. Les hyperliens sont associes aux informations emises et peuvent etre recuperees, selectionnees et actives par des auditeurs radio ou des telespectateurs pendant les intervalles de temps pour lesquels ils ont ete definis.

Legal Status (Type, Date, Text)

Publication 20021114 A2 Without international search report and to be republished upon receipt of that report.

Fulltext Availability:

Claims

#### Claim

Brief description of the drawings

The novel and inventive features believed **characteristics** of the invention are set forth in the appended claims. The invention itself, however, as...

...conjunction with the accompanying drawings, wherein:

Figure 1 shows how a user perceives topics of **interest** when listening or viewing radio or television programs. Figure 3 shows the main components of the invention. Figure 4 shows how universal-times corresponding to **interesting** topics of a **program** are selected by a radio auditor or a television viewer and recorded in the **user** device in an Universal- **Time** Table corresponding to the selected broadcast **channel** according to the present invention. Figure 5 shows

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how the user device sends to the...Kalman filter software program estimates the time error, frequency error, frequency drift and Keplerian orbit **parameters** for each of the satellites and its operating clock. This information is uploaded to each...universal-time (1 803): 12/05/2000 14:10:51.

Method for selecting topics of **interest**

When a person (301) listens or watches a broadcast program (for example, a TV program...

...topics. Figure 19 shows a method for selecting one or a plurality of topics of **interest** for the purposes of immediately, or at a later time, receiving further information related to...time receiver). As a preliminary step for enabling the user (301) to select topics of **interest** (304) from programs received from different channels (307), a Channel Table, like the one illustrated...www.cnn news link.com

NBC http://www.nbc link.com

To select topics of **interest**, the auditor or viewer of a broadcast program: (1901) selects a broadcast channel (302) on the receiver apparatus (for instance

radio or television set) (314);

(1 902) **identifies** the selected broadcast channel (302);

(1 903) enters on a user device (308), the **identification** of the broadcast channel (302), (e.g., channel "25"). This action creates (1904) the Universal...broadcast channel (302), said

Universal-Time Table comprising information concerning said broadcast channel including the **identification** of the selected broadcast channel (402), the address (for instance the URL) of the Channel...

...selected broadcast

channel (302);

(1906) perceives (listens or views) in the program a topic of **interest** (304) for

...for a particular channel (402), where the universal-times (403) corresponding to the topics of **interest** (304) selected by the auditor or viewer on this channel (e.g., a television program...radio auditor or television viewer (301) has selected one or a plurality of topics of **interest** in a program (304) broadcast on a channel (302) (for example in a television program...the hyperlinks associated with the selected topics. The retrieved hyperlinks are stored in the Universal- Time Table (31 1) stored in the **user** device (308). The **auditor** or **viewer** can select and activate (303) any retrieved (2001) accessing from the **user** device (501), the **Channel** Information Server

(502) of the selected broadcast channel (503);

for each universal-time (504) recorded...15:09:03 and 12/05/2000

15:17:34) corresponding to a set of **interesting** topics related to a broadcast program (e.g., a television program entitled "Early British Kingdoms...

20/5,K/4 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00909145 \*\*Image available\*\*

PLANAR LASER ILLUMINATION AND IMAGING (PLIIM) SYSTEMS WITH INTEGRATED DESPECKLING MECHANISMS PROVIDED THEREIN

SYSTEMES PLIIM D'ILLUMINATION ET D'IMAGERIE AU LASER PLANAIRE A MECANISME DE DECHATOIEMENT INTEGRE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200243195 A2 20020530 (WO 0243195)

Application: WO 2001US44011 20011121 (PCT/WO US0144011)

Priority Application: US 2000721885 20001124; US 2001780027 20010209; US  
2001781665 20010212; US 2001883130 20010615; US 2001954477 20010917; US  
2001999687 20011031

Parent Application/Grant:

Related by Continuation to: US 2001954477 20010917 (CIP)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

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CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H01S

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 298301

#### English Abstract

Methods of and systems for illuminating objects using planar laser illumination beams having substantially-planar spatial distribution characteristics that extend through the field of view (FOV) of image formation and detection modules employed in such systems. Each planar laser illumination beam is produced from a planar laser illumination beam array (PLIA) comprising a plurality of planar laser illumination modules (PLIMs). Each PLIM comprises a visible laser diode (VLD), a focusing lens, and a cylindrical optical element arranged therewith. The individual planar laser illumination beam components produced from each PLIM are optically combined to produce a composite substantially planar laser illumination beam having substantially uniform power density characteristics over the entire spatial extent thereof and thus the working range of the system. Preferably, each planar laser illumination beam component is focused so that the minimum beam width thereof occurs at a point or plane which is the farthest or maximum object distance at which the system is designed to acquire images, thereby compensating for decreases in the power density of the incident planar laser illumination beam due to the fact that the width of the planar laser illumination beam increases in length for increasing object distances away from the imaging optics. By virtue of the present invention, it is now possible to use both VLDs and high-speed CCD-type image detectors in conveyor, hand-held and hold-under type scanning applications alike, enjoying the advantages and benefits that each such technology has to offer, while avoiding the shortcomings and drawbacks hitherto associated therewith.

#### French Abstract

La presente invention concerne des procedes et systemes d'illumination d'objets au moyen de faisceaux d'illumination laser planaire presentant des caracteristiques de distribution spatiale sensiblement planaire qui couvrent le champ d'observation de formation d'image et de modules de detection employes dans de tels systemes. Chaque faisceau d'illumination laser planaire est produit a partir d'une matrice de faisceaux d'illumination laser planaire (PLIA) comprenant une pluralite de modules PLIM d'illumination par faisceau laser. Chaque PLIM est constitue d'une diode laser visible (VLD), d'une lentille de focalisation, et d'un element optique cylindrique monte en consequence. Chacun des composants du faisceau d'illumination laser planaire produit a partir de chacun des PLIM est soumis a une combinaison optique de facon a produire un faisceau d'illumination laser composite sensiblement planaire aux caracteristiques de densite de puissance sensiblement uniformes sur la totalite de son etendue spatiale, et donc sur la plage operationnelle du systeme. De preference, chaque composant du faisceau d'illumination laser planaire est focalise de facon a n'avoir qu'un minimum de largeur du faisceau au point ou sur le plan qui est a la plus grande distance de l'objet a laquelle le systeme est concu pour l'acquisition d'images, ce qui compense la perte de densite de puissance du faisceau incident d'illumination laser planaire en raison du fait que la largeur du faisceau d'illumination laser planaire augmente en longueur de facon a augmenter la distance par rapport a l'optique d'imagerie. Grace a la

presente invention, il est maintenant possible d'utiliser des detecteurs image de type VLD et a cellule CCD grande vitesse dans des applications a bande transporteuse, douchette ou sous-table, tout en tirant profit des avantages que procure une telle technologie, tout en evitant les inconvenients qui s'y rattachaient jusqu'alors.

Legal Status (Type, Date, Text)

Publication 20020530 A2 Without international search report and to be republished upon receipt of that report.

Fulltext Availability:

Claims

Claim

... as well as along the direction orthogonal (i.e. transverse) thereto, causing numerous substantially different **time**-varying speckle-noise patterns to be produced at the vertically-elongated image **detection** elements of the IFD Subsystem during the photo-integration **time period** thereof, which are temporally and spatially averaged during the photo-integration time period of the...mechanism arranged with each PLIM, and employing a micro-oscillating cylindrical lens array structure as **shown** in Figs. 113A through H41) for microoscillating the PUB laterally along its planar extend, a micro-oscillating PLIB/FOV reflection element for micro-oscillating the PUB and the field of **view** (FOV) of the linear CCD image sensor transversely along the direction orthogonal to the planar...control computer; Fig. 1T is a schematic representation of an under-the-conveyor-belt package **identification** system embodying the PLIIN4-based subsystem of Fig. 1A; Fig. 1U is a schematic representation...surface of the object being illuminated. This produces numerous substantially different time-varying speckle-noise **patterns** at the image detection array during each photointegration time period (i.e. interval) thereof. The time-varying speckle-noise **patterns** are temporally and spatially averaged at the image detection array during the photo-integration time **period** thereof, thereby reducing the RMS power of the speckle-noise **patterns** **observe** at the image **detection** array. As **shown** in Fig. 1MB, the reflective phase-modulation disc 404, while spatially-modulating the PLIB, does...

...of the IFD Subsystem. In the case of optical system of Fig. 111A, the following **parameters** will influence the number of substantially different time-varying speckle-noise **patterns** generated at the image detection array during each photo-integration time period thereof: (i) the...

...laser illumination sources employed in each planar laser illumination array in the PLIIM-based system. **Parameters** (1) through (iv) will factor into the specification of the spatial phase modulation function (SPMF...

...its image detection array, then the system must generate more uncorrelated time-varying speckle-noise **patterns** for averaging over each photointegration time period thereof. Adjustment of the above-described **parameters** should enable the designer to achieve the degree of speckle-noise power reduction desired in the application at hand. For a desired reduction in speckle-noise **pattern** power in the system of Fig. 111 IA, the number of substantially different time-varying speckle-noise **pattern** samples which need to be generated per each photo-integration time interval of the image...

20/5,K/5 (Item 3 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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December 31, 2002

**ANY-TO-ANY COMPONENT COMPUTING SYSTEM**  
**SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE**

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US31231 20001113 (PCT/WO US0031231)  
Priority Application: US 99164884 19991112

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Main International Patent Class: G06F-009/44

International Patent Class: G06F-017/22

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 275671

**English Abstract**

A universal data and software structure and method for an Any-to-Any  
computing machine in which any number of any components can be related to  
any number of any other components in a manner that is not intrinsically  
hierarchical and is intrinsically unlimited. The structure and method  
includes a Concept Hierarchy; each concept or assembly of concepts is  
uniquely identified and assigned a number in a Numbers Concept Language  
or uniquely identified in a Non-numbers Concept Language. Each Component  
or assembly of Components is intrinsically related to all other data  
items that contain common or related components.

**French Abstract**

L'invention concerne une structure de donnees et de logiciel universelle  
ainsi qu'un procede de machine informatique toute categorie dans laquelle  
des composants, quels qu'ils soient et quel que soit leur nombre, peuvent  
etre rattaches a d'autres composants, quels qu'ils soient et quel que  
soit leur nombre, d'une maniere intrinsequelement non hierarchisee et  
intrinsequelement illimitee. La structure et le procede comportent une  
hierarchie conceptuelle; chaque concept ou ensemble de concepts est  
identifie de maniere unique et recoit un numero dans un langage  
conceptuel de nombres ou dans un langage conceptuel de non-nombres.  
Chaque composant ou ensemble de composants est intrinsequelement rattache a  
tous les autres elements de donnees qui contiennent des composants  
communs ou associes.

Legal Status (Type, Date, Text)

Publication 20010517 A2 Without international search report and to be  
republished upon receipt of that report.

Search Rpt 20020808 Late publication of international search report

Republication 20020808 A3 With international search report.

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Fulltext Availability:  
Claims

Claim

... Joey - with a 'y'- can not be related to the documents sent by Joe  
No **Time** is recorded for the now Location, so which location is old and  
which is new can not be found. In effect all locations are '**Time** Now'.  
Often the only way to mark an address as 'old' is to delete it...

20/5,K/6 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00766073 \*\*Image available\*\*

**TARGETED NETWORK VIDEO DOWNLOAD INTERFACE**  
**INTERFACE DE TELECHARGEMENT DE VIDEO DANS UN RESEAU CIBLE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200079448 A2 20001228 (WO 0079448)

Application: WO 2000US14861 20000530 (PCT/WO US0014861)

Priority Application: US 99324747 19990603

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DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Detailed Description

Claims

Fulltext Word Count: 18935

English Abstract

French Abstract

Legal Status (Type, Date, Text)

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Declaration 20020627 Late publication under Article 17.2a

Republication 20020627 A2 With declaration under Article 17(2)(a); without  
abstract; title not checked by the International  
Searching Authority.

Fulltext Availability:  
Claims



Claim

... program  
tracks the number of online network access sessions by the user computer.

60 A **program** product as defined in claim 47, wherein the **viewer**  
**program**

**tracks** the **time** spent online with network access by the **user**  
computer.

ACCESS CONTROL

102 SYSTEM 104

118-) 116 120 INTERNET

USER CONTENT

AAA AD

SERVER...

...THIS IS WHAT I'M SAYING...

1900 1902

ED

FIG. 19

) 5// k(

COLLECT USER **DEMOGRAPHIC**

INFORMATION INTO DATABASE AND SEND 2002

COMPLETION MESSAGE TO USER CLIENT.

DETERMINE AD FILES FOR EACH

USER MEMBER AND SEND TO 2004

EACH TARGETED MEMBER BASED

ON **DEMOGRAPHIC** DATABASE.

RECEIVE CLICK THROUGH AND AD

PLAY INFORMATION FROM CLIENTS 2006

DETECT FRAUD EVENTS AT

CLIENTS AND SEND APPROPRIATE 2008

MESSAGES TO CLIENTS.

IF

PROVIDE **DEMOGRAPHIC** e@N

REPORTSTOSPONSORS 2010

GENERATE SPONSOR BILLING FOR

ACTUAL AD IMPRESSIONS. 2012

FIG. 20

BROWSER - **DEMOGRAPHIC** REPORT

FILE EDIT VIEW TOOLS HELP

BACK FORWARD RELOAD HOME PRINT STOP

**DEMOGRAPHIC** REPORT FOR:

BROADCAST ENTERTAINMENT COMPANY

FIRST SHOW, AD1

DATA FOR: 1999 OCTOBER 1 TO PRESENT...

...26K-50K 0 \$51

OCCUPATION Z ACCOUNTING 0 COMPUTERS

GEOGRAPHIC IALL STATES I V I

**INTERESTS** IGAMING

FIG. 22

BROWSER - GRAPH DETAILS

FILE EDIT VIEW TOOLS HELP

BACK FORWARD RELOAD HOME...

...FIG. 24

@-pl-tj

FOR EACH AD FILE, LOOP THROUGH

ALL USERS WHO MATCH TARGET

**DEMOGRAPHICS** AND FOR WHOM

THE AD FILE IS NOT EXCLUDED.

FOR THIS USER, LOOP THROUGH ALL...

December 31, 2002

DIALOG(R)File 349:PCT FULLTEXT  
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00762426      \*\*Image available\*\*

**A SECURE INTERNET VAULT FOR CONSUMER RECEIPTS, LEGAL DOCUMENTS AND COMMERCE  
CHAMBRE FORTE PROTEGEE SUR INTERNET POUR RECUS, DOCUMENTS JURIDIQUES ET  
COMMERCE DU CONSOMMATEUR**

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US15371 20000602 (PCT/WO US0015371)

Priority Application: US 99137575 19990604; US 99141380 19990628; US  
2000480883 20000110

Designated States: CA JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-017/60

International Patent Class: G07F-019/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17914

English Abstract

Apparatus and methods for providing an Internet site serving as a secure, electronic vault, repository or file cabinet for consumer's transaction records, legal documents, insurance policies and other secure information that consumers may wish to store on a website. This storage, provides commerce services that save the consumer time. In various embodiments, the invention is as follows: participating merchants send transactions records to the Internet site for viewing from the consumer website. To view the electronic record, the consumer visits the site, **identifies** himself and selects the record they wish to view. The consumer may search for a particular record using multiple criteria and view an image of the record. Once the record is selected, the consumer may download data related to the record personal-finance programs. This saves **time** for consumers **tracking personal** spending or creating expense reports. As transactions are identified and **viewed**, the website displays **advertisements** to the **consumer**, targeted, based upon **consumer** demographics, stated preferences, purchasing history or other methods.

French Abstract

L'invention concerne un appareil et des procedes destines a la creation d'un site internet servant de chambre forte electronique protegee, de referentiel ou de classeur pour les enregistrements de transactions, documents juridiques, polices d'assurance et autres informations protegees que les consommateurs souhaitent stocker sur un site web. Ce systeme de stockage fournit des services commerciaux, faisant ainsi gagner du temps au consommateur. Dans divers modes de realisation, l'invention comprend les etapes mentionnees ci-apres. Des commercants participants envoient des enregistrements de transactions au site

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internet afin que le consommateur puisse les visualiser depuis son site web. Pour visualiser l'enregistrement électronique, le consommateur visite le site, s'identifie et sélectionne l'enregistrement qu'il souhaite visualiser. Le consommateur peut chercher un enregistrement en particulier, en utilisant de multiples critères, et visualiser une image de l'enregistrement. Lorsque l'enregistrement est sélectionné, le consommateur peut télécharger des données liées aux programmes de crédit mobilier de l'enregistrement. Ceci permet de gagner du temps aux consommateurs voulant vérifier leurs dépenses personnelles ou générer des rapports sur l'état de leurs dépenses. Lorsque les transactions sont identifiées et visualisées, le site web présente des publicités au consommateur. Ces annonces peuvent être ciblées à partir de données démographiques concernant les consommateurs, leurs préférences, l'historique de leurs achats ou d'autres procédés, afin de susciter un plus grand intérêt chez le consommateur. Le consommateur peut s'inscrire pour être informé à l'avance concernant des événements spéciaux ou des services aide-mémoire, lors d'occasions spéciales d'achat (anniversaires de mariage, anniversaires, etc.), avec des recommandations spécifiques sur les marchandises. Les consommateurs peuvent commander à nouveau des produits ou être acheminés sur le site web d'achat d'un commerçant pour acheter des pièces détachées ou des accessoires, en sélectionnant ("cliquer sur", par exemple) l'article choisi dans un enregistrement.

Legal Status (Type, Date, Text)

Publication 20001214 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20010315 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20010503 Late publication of international search report  
Republication 20010503 A3 With international search report.

English Abstract

...viewing from the consumer website. To view the electronic record, the consumer visits the site, **identifies** himself and selects the record they wish to view. The consumer may search for a...

...selected, the consumer may download data related to the record personal-finance programs. This saves **time** for consumers **tracking personal** spending or creating expense reports. As transactions are identified and **viewed**, the website displays **advertisements** to the **consumer**, targeted, based upon **consumer** demographics, stated preferences, purchasing history or other methods.

20/5,K/8 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00535374 \*\*Image available\*\*

METHOD AND APPARATUS FOR PROFILING USER PREFERENCES BY A NETWORK OPERATOR  
PROCEDE ET APPAREIL PERMETTANT D'ETABLIR LE PROFIL DES PREFERENCES D'UN  
UTILISATEUR PAR UN EXPLOITANT DE RESEAU

Patent Applicant/Assignee:

OPEN TV INC,

Inventor(s):

DUREAU Vincent,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9966726 A1 19991223

Application: WO 99US10070 19990506 (PCT/WO US9910070)

Priority Application: US 9898726 19980617

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU  
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG

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CI CM GA GN GW ML MR NE SN TD TG  
Main International Patent Class: H04N-007/173  
International Patent Class: H04N-007/16  
Publication Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 6709

English Abstract

An interactive digital **television** system configured to accumulate information on viewing **patterns** by **tracking** viewer transactions and building **viewer** preferences for customizing **program** content. Information **tracked** by **individual** receiving stations (13) is stored in a set-top box and **periodically** transmitted to a broadcast station (12). Information tracked by the broadcast station (12) is accumulated and combined with information received from the receiving stations (13). The information is used to build viewer preferences, which in turn are used to filter the content of a program signal before and/or after the signal is transmitted from the broadcast station to the receiving stations in order to direct to particular viewers the programs in which they are most likely **interested** .

French Abstract

On decrit un systeme de television numerique interactif qui est configure pour accumuler des informations relatives aux habitudes d'ecoute au moyen du suivi des transactions du telespectateur et de l'elaboration des preferences du telespectateur pour adapter a ce dernier le contenu des programmes. Les informations recherchees par des stations receptrices (13) individuelles sont stockees dans un coffret d'abonne et transmises periodiquement a une station emettrice (12). Les informations recherchees par la station emettrice (12) sont accumulees et combinees a des informations recues en provenance des stations receptrices (13). Les informations sont utilisees pour definir les preferences du telespectateur qui, a leur tour, sont utilisees pour filtrer le contenu d'un signal de programme avant et/ou apres l'envoi du signal par la station emettrice aux stations receptrices pour orienter ainsi vers des telespectateurs particuliers les programmes qui semblent le plus les interesser.

English Abstract

An interactive digital **television** system configured to accumulate information on viewing **patterns** by **tracking** viewer transactions and building **viewer** preferences for customizing **program** content. Information **tracked** by **individual** receiving stations (13) is stored in a set-top box and **periodically** transmitted to a broadcast station (12). Information tracked by the broadcast station (12) is accumulated...  
...in order to direct to particular viewers the programs in which they are most likely **interested** .

20/5,K/9 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00523739

**DIGITAL TELEVISION SYSTEM WHICH SELECTS IMAGES FOR DISPLAY IN A VIDEO SEQUENCE**  
**SYSTEME DE TELEVISION NUMERIQUE SELECTIONNANT DES IMAGES A AFFICHER DANS UNE SEQUENCE VIDEO**

Patent Applicant/Assignee:  
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PHILIPS AB,  
Inventor(s):  
SITNIK Eran,

December 31, 2002

Patent and Priority Information (Country, Number, Date):

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Priority Application: US 9862939 19980420

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SE

Main International Patent Class: H04N-007/173

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6063

English Abstract

A digital television system includes a memory which stores a user profile and computer-executable process steps, and a display processor which receives video data and which outputs the video data as a video sequence. A controller receives video data corresponding to at least two alternative images. The controller executes the process steps stored in the memory so as to select one of the alternative images based on information stored in the user profile, and to cause the display processor to include the selected one of the alternative images within the video sequence.

French Abstract

L'invention concerne un systeme de television numerique qui comprend une memoire stockant un profil utilisateur et des etapes de traitement par ordinateur et un processeur d'affichage recevant des donnees video et produisant des donnees video sous forme de sequence video. Un controleur recoit des donnees video correspondant a au moins deux images alternatives. Le controleur execute les etapes de traitement stockees dans la memoire de maniere a selectionner une des images alternatives utilisant des informations stockees dans le profil utilisateur et a faire en sorte que le processeur d'affichage comprenne l'image selectionnee dans la sequence video.

Fulltext Availability:

Claims

Claim

... television system according to Claim 2 or 3, wherein the controller (1) determines the **television viewing habits** of the **user** by **monitoring programming** displayed on the digital **television** (2) over a predetermined **period** of time.

5 A digital television system according to anyone of Claims 1 to 4...

20/5,K/10 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00523738

DIGITAL TELEVISION SYSTEM WHICH SWITCHES CHANNELS IN RESPONSE TO CONTROL  
DATA IN A TELEVISION SIGNAL

SYSTEME DE TELEVISION NUMERIQUE COMMUTANT LES CANAUX EN REACTION AUX  
DONNEES DE COMMANDE DANS UN SIGNAL DE TELEVISION

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS N V,  
PHILIPS AB,

Inventor(s):

SITNIK Eran,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9955090 A1 19991028

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Designated States: JP KR AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE  
Main International Patent Class: H04N-007/173  
Publication Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 6658

English Abstract

A digital television system receives control data from a source and uses the control data to switch channels on a digital television. The digital television system includes a memory which stores computer executable process steps and channel switching circuitry which is capable of receiving television signals transmitted over a plurality of different channels. At least one of the television signals is received over a first channel and includes control data relating to a second channel. A controller is also included in the digital television system, which receives the control data and which executes the process steps stored in the memory so as to control the channel switching circuitry in accordance with the control data to switch from the first channel to the second channel.

French Abstract

L'invention concerne un systeme de television numerique recevant des donnees de commande a partir d'une source et utilisant les donnees de commande pour commuter les canaux sur une television numerique. Le systeme de television numerique comprend une memoire stockant des etapes de traitement par ordinateur et un ensemble de circuits de commutation capables de recevoir des signaux de television emis sur une pluralite de canaux differents. Au moins un des signaux de television est recu sur un premier canal et comprend des donnees de commande relatives a un second canal. Un controleur est aussi incorpore au systeme de television numerique pour recevoir les donnees de commande et executer les etapes de traitement memorisees dans la memoire de maniere a commander le circuit de commutation de canal selon les donnees de commande pour passer du premier canal au second canal.

Fulltext Availability:  
Claims

Claim

... television system according to Claim 6 or 7, wherein the controller (19) determines the **television viewing habits** of the **user** by **monitoring programming** displayed on the digital **television** (2) over a predetermined **period** of time.

9 A digital television system according to any one of Claims 1 to...

20/5,K/11 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00514349 \*\*Image available\*\*  
**PROGRAM GUIDE SYSTEM WITH PREFERENCE PROFILES**  
**SYSTEME DE GUIDE DE PROGRAMMES COMPORTANT DES PROFILS DE PREFERENCES**  
Patent Applicant/Assignee:  
PREVUE INTERNATIONAL INC,  
Inventor(s):  
ELLIS Michael D,  
KNUDSON Edward B,  
LEMMONS Thomas R,  
HASSELL Joel G,

December 31, 2002

KNEE Robert A,  
EASTERBROOK Kevin B,

Patent and Priority Information (Country, Number, Date):

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Application: WO 99US4143 19990225 (PCT/WO US9904143)

Priority Application: US 9834934 19980304

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FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG UZ VN YU ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM

AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM

GA GN GW ML MR NE SN TD TG

Main International Patent Class: H04N-005/445

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 16963

#### English Abstract

An interactive television program guide system is provided in which a user may inform a program guide of the user's interests. Information on the user's interests may be stored in a preference profile. There may be more than one preference profile, each for a different user. Each preference profile contains a number of preference attributes (program titles, genres, viewing times, channels, broadcast characteristics, etc.). A preference level (e.g., strong or weak like, strong or weak dislike, illegal, mandatory, don't care, etc.) that is indicative of the user's level of interest is associated with each preference attribute. Preference profiles may be used to restrict the programs that are listed in various program listings display screens and may be used to limit the channels to which the program guide allows the user to tune.

#### French Abstract

L'invention concerne un systeme interactif de guide de programmes de television dans lequel un utilisateur peut informer un guide de programmes de ses interets. Des informations concernant les interets de l'utilisateur peuvent etre stockees dans un profil de preferences. Il peut y avoir plus d'un profil de preferences, un pour chaque utilisateur. Chaque profil de preferences contient un certain nombre d'attributs de preferences (titres de programmes, genres, heures d'audience, chaines, caracteristiques de diffusion, etc.). Un niveau de preference (p. ex. aime beaucoup ou un peu, n'aime pas du tout ou peu, interdit, obligatoire, sans interet, etc.) qui indique le degre d'interet de l'utilisateur est associe a chaque attribut de preferences. Des profils de preferences peuvent etre utilises pour limiter les programmes repertoires dans divers ecrans affichant les listes de programmes, et pour limiter les chaines que le guide de programmes presente a l'utilisateur.

Fulltext Availability:

Claims

#### Claim

... 1 further comprising means for  
monitoring which programs are watched by the user.

37 The **television program** guide system  
defined in claim 36 wherein the means for **monitoring**  
which programs are **watched** by the **user** further  
comprises means for **monitoring viewing times, channels ,**  
and **frequencies .**

38 The **television program** guide system  
defined in claim 36 further comprising means for  
automatically modifying a preference **profile** with which

the selected preference **attributes** and the selected preference levels are associated based on which programs are watched by the...92 further comprising means for monitoring which programs are watched by the user.

125. The **television program guide system** defined in claim 124 wherein the means for **monitoring** which programs are **watched** by the **user** further comprises means for **monitoring viewing times, channels, and frequencies**.

126. The **television program guide system** defined in claim 124 further comprising means for automatically modifying a preference **profile** with which the selected preference **attributes** and the selected preference levels are associated based on which programs are watched by the...

...in claim 126 further comprising means for providing an opportunity to review and modify automatic **profile** modifications made by the means for automatically modifying.

128. The television program guide system defined...

...television program guide system defined in claim 92 further comprising means for providing a personal **identification** number setup screen,

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130. The television program guide system defined in claim 129 wherein the means for providing the personal **identification** number setup screen further comprises means for providing a plurality of personal **identification** number options associated with a preference **profile** with which the selected preference **attributes** and the selected preference levels are associated.

131. The television program guide system defined in claim 130 wherein the means for providing the personal **identification** number options further comprises means for setting whether a personal **identification** number is required for activating the **profile**.

132. The television program guide system defined in claim 130 wherein the means for providing the personal **identification** number options further comprises means for setting whether a personal **identification** number is required for deactivating the **profile**.

133. The television program guide system defined in claim 130 wherein the means for providing the personal **identification** number options further comprises means for setting whether a personal **identification** number is required for viewing which preference **attributes** are associated with the **profile**.

134. The television program guide system defined in claim 130 wherein the means for providing

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the personal **identification** number options further comprises means for setting whether a personal **identification** number is required for modifying which preference **attributes** have an associated preference level of illegal.

135. The television program guide system defined in claim 130 wherein the means for providing the personal **identification** number options further



comprises means for setting whether a personal **identification** number is required for modifying which preference **attributes** have an associated preference level of mandatory.

136. The television program guide system defined in claim 130 wherein the means for providing the personal **identification** number options further comprises means for setting whether a personal **identification** number is required for modifying like and dislike preference levels.

137. The television program guide...

...the means for providing the option for the user to select a plurality of preference **attributes** further comprises means for providing an option of selecting a given airing of a program as a preference **attribute**.

138. The television program guide system defined in claim 137 further comprising means for allowing the given airing of the program selected as a  
- 68

preference **attribute** to expire after the program has been aired.

139. The television program guide system defined...

...the means for providing the option for the user to select a plurality of preference **attributes** further comprises means for providing an option of selecting a broadcast **characteristic** as a preference **attribute**.

140. The television program guide system defined in claim 139 wherein the means for providing the option of selecting a broadcast **characteristic** as a preference **attribute** further comprises means for providing closed-captioning as a preference **attribute**.

141. The television program guide system defined in claim 139 wherein the means for providing the option of selecting a broadcast **characteristic** as a preference **attribute** further comprises means for providing second audio program as a preference **attribute**.

142. The television program guide system defined in claim 92 further comprising means for providing an option of specifying a sort order for each of the selected preference **attributes**.

143. The television program guide system defined in claim 142 wherein the means for allowing tuning to certain channels based on the selected preference **attributes** and selected preference levels  
- 69

further comprises means for allowing tuning to certain channels based...

...142 further comprising:  
means for displaying a list of programming based on the selected preference **attributes** and selected preference levels; and  
means for displaying the list of programming based on the...

...145 further comprising:  
means for displaying a list of programming based on the selected preference **attributes** and selected preference levels; and  
means for displaying the list of

programming based on the...

...145 wherein the means for allowing tuning to certain channels based on the selected preference **attributes** and selected preference levels further comprises means for allowing tuning to certain channels based on...scope that includes liked programs that are not more disliked and that have all mandatory **attributes** and no illegal **attributes** ,  
150. The television program guide system defined in claim 145 wherein the preference levels include...

...comprises means for selecting a preference scope that includes programs that have no disliked preference **attributes** and that have all mandatory **attributes** and no illegal **attributes** ,  
151. The television program guide system defined in claim 145 wherein the preference levels include...

...71  
comprises means for selecting a preference scope that includes programs that have all mandatory **attributes** and no illegal **attributes** .  
152, The television program guide system defined in claim 92 wherein the means for providing the option for the user to select a plurality of preference **attributes** further comprises means for providing an option of selecting a type of channel as a preference **attribute** ,  
153. The television program guide system defined in claim 92 wherein the means for providing the option for the user to select a plurality of preference **attributes** further comprises means for providing an option of selecting a program series as a preference **attribute** .  
154. The television program guide system defined in claim 92 wherein the means for providing the option for the user to select a plurality of preference **attributes** further comprises means for providing an option of selecting a genre of programming as a preference **attribute** .  
155. The television program guide system defined in claim 92 wherein the means for providing the option for the user to select a plurality of preference **attributes** further comprises means for providing an option of selecting at least one rating as a preference **attribute** ,

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156. The television program guide system defined in claim 92 wherein the means for providing the option for the user to select a plurality of preference **attributes** further comprises means for providing an option of selecting a given actor or actress as a preference **attribute** .  
157. The television program guide system defined in claim 92 wherein the means for providing the option for the user to select a plurality of preference **attributes** further comprises means for providing an option of selecting a given topic as a preference **attribute** .  
158. The television program guide system  
...the means for providing the

option for the user to select a plurality of preference **attributes** further comprises means for providing an option of selecting a word in a program description as a preference **attribute** .

159. The television program guide system defined in claim 92 wherein the means for providing the option for the user to select a plurality of preference **attributes** further comprises means for providing an option of selecting a given program start time as a preference **attribute** .

160. The television program guide system defined in claim 92 wherein the means for providing the option for the user to select a plurality of preference **attributes** further comprises means for providing an

- 73  
option of selecting a range of broadcast times as a preference **attribute** .

161. The television program guide system defined in claim 92 wherein the means for providing the option for the user to select a plurality of preference **attributes** further comprises means for providing an option of selecting original programming as a preference **attribute** .

162. The television program guide system defined in claim 92 wherein the means for providing the option for the user to select a plurality of preference **attributes** further comprises means for providing an option of selecting a given language as a preference **attribute** ,

163. The television program guide system defined in claim 92 wherein the means for providing the option for the user to select a plurality of preference **attributes** further comprises means for providing an option of selecting a critics rating as a preference **attribute** .

164. The television program guide system defined in claim 92 further comprising means for providing an option of deselecting at least one of the selected preference **attributes** ,

165. The television program guide system defined in claim 92 wherein the preference levels include...

...92 further comprising:  
means for displaying a list of programming based on the selected preference **attributes** and selected preference levels; and  
means for providing an opportunity to select a display mode...

...programs are displayed but in which highlight movement is restricted to programs satisfying a preference **profile** with which the selected preference **attributes** and the selected preference levels are associated.

171. The television program guide system defined in that can be tuned only to programs satisfying a preference **profile** with which the selected preference **attributes** and the selected preference levels are associated,

172. The television program guide system defined in...

...for providing a browse feature that can be tuned only to

programs satisfying a preference **profile** with which the selected preference **attributes** and the selected preference levels are associated.

173. The television program guide system defined in claim 92 further comprising means for providing an option for creating a master preference **profile** .

174. The television program guide system defined in claim 92 wherein a plurality of preference **profiles** including a master preference **profile** are active, the system further comprising means for resolving conflicts between preference **profiles** in favor of the master preference **profile** .

175. The television program guide system defined in claim 92 wherein a master preference **profile** that is accessed by a master personal **identification** number is used to define certain television viewing preferences, the system further comprising means for displaying the list of programming based on the master **profile** .

176. The television program guide system defined in claim 92 wherein a master preference **profile** that is accessed by a master personal **identification** number is used to define certain television viewing preferences, the means for displaying the list of programming further comprising means for displaying the list of programming based on selected preference **attributes** and selected preference levels in the master **profile** .

177. The television program guide system defined in claim 92 further comprising:  
means for providing an option of creating a preference **profile** with which the selected preference **attributes** and the selected preference levels are associated; and  
means for providing an opportunity for setting non-program settings associated with the preference **profile** .

178. The television program guide system defined in claim 92 further comprising:  
means for providing an option of creating a preference **profile** with which the selected preference **attributes** and the selected preference levels are associated; and  
means for providing an opportunity for setting non-program settings associated with the preference **profile** , wherein the non-program settings

- 77

include audio settings for the user television equipment.

179...

...defined in claim 92 further comprising:  
means for providing an option of creating a preference **profile** with which the selected preference **attributes** and the selected preference levels are associated; and  
means for providing an opportunity for setting non-program settings associated with the preference **profile** , wherein the non-program settings include display settings,

180. The television program guide system defined in claim 92 further comprising:  
means for providing an opportunity for creating multiple preference **profiles** , each of which

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has an associated set of selected preference **attributes**  
and selected preference levels;  
means for providing an option of  
selecting which of the **profiles** to make active; and  
means for providing access to a  
messaging service based on information on which **profile**  
is active.

20/5,K/12 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00507937 \*\*Image available\*\*  
METHOD FOR ELABORATING AND REPRESENTING DATA ANALYSIS IN A DECISION SUPPORT  
SYSTEM

PROCEDE PERMETTANT D'ELABORER ET DE REPRESENTER UNE ANALYSE DE DONNEES DANS  
UN SYSTEME D'AIDE A LA DECISION

Patent Applicant/Assignee:

BRAINPOWER S A,  
PELLEGRINELLI Rocco,  
BOTTARELLI Sandro,  
SPAMPINATO Luca,

Inventor(s):

PELLEGRINELLI Rocco,  
BOTTARELLI Sandro,  
SPAMPINATO Luca,

Patent and Priority Information (Country, Number, Date):

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Priority Application: US 9816314 19980130

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FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA  
UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM  
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM  
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Main International Patent Class: G06F-017/60

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Publication Language: English

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Detailed Description  
Claims

Fulltext Word Count: 4911

English Abstract

The invention relates to a method and to an apparatus for elaborating and representing data analysis in a decision support system, the system comprising: an electronic data base which is daily updated by external data suppliers or providers; computer means comprising linking interfaces to allow on line connections to said data base; display means associated to the computer means for displaying information and data and for allowing the user to define data selection criteria by a mouse or a keyboard; the method including the following steps: presenting on said display means a selection panel or menu reporting a list or table of data from said data base; detecting a user's data selection; scanning said data base according to a mask or filter corresponding to user's data selection to display a preferred selected panel; selecting a scoring criteria among a plurality of numerical parameters available for the preferred set of data; weighting the selected scoring criteria by graphically manipulating one or more cursors on the screen, one for each criteria; automatically presenting on said display means the scores of the user's selected data at each different detected selection of said cursors.

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French Abstract

L'invention concerne un procede et un appareil permettant d'elaborer et de représenter des analyses de données dans un système d'aide à la décision, système qui comprend: une base de données électronique mise à jour quotidiennement par des fournisseurs de données externes; un dispositif informatique comprenant des interfaces de liaison pour permettre les connexions en ligne avec la base de données; un dispositif d'affichage, associé au dispositif informatique, destiné à afficher des données et des informations et à permettre à l'utilisateur de définir des critères de sélection de données au moyen d'une souris ou d'un clavier. Le procédé de l'invention comprend les étapes suivantes: présenter sur le dispositif d'affichage un panneau ou menu de sélection affichant une liste ou un tableau de données provenant de la base de données; détecter la sélection de données d'un utilisateur; analyser la base de données avec un masque ou un filtre correspondant à la sélection de données de l'utilisateur en vue de l'affichage d'un panneau sélectionné préféré; choisir des critères d'appréciation parmi une pluralité de paramètres numériques disponibles pour l'ensemble de données préféré; pondérer les critères d'appréciation choisis par manipulation graphique d'un ou de plusieurs curseurs sur l'écran, avec un curseur pour chaque critère; et présenter automatiquement sur le dispositif d'affichage les appréciations correspondant aux données choisies par l'utilisateur pour chacune des sélections détectées desdits curseurs.

Fulltext Availability:

Claims

Claim

... mask or filter

corresponding to user's data selection to display a preferred selected panel;

- detecting a pointer of a user 's preferred data;
- presenting on said display means a view or history chart showing to the user the variations versus time of the preferred data, while maintaining the selected panel as a side or background view...

20/5,K/13 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00290673 \*\*Image available\*\*

APPARATUS AND METHOD FOR TRACKING THE PLAYING OF VCR PROGRAMS

APPAREIL ET PROCEDE DE SUIVI DE LA LECTURE DE PROGRAMMES ENREGISTRES SUR MAGNETOSCOPE

Patent Applicant/Assignee:

YUEN Henry C,  
KWOH Daniel S,

Inventor(s):

YUEN Henry C,  
KWOH Daniel S,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9508822 A2 19950330

Application: WO 94US10458 19940915 (PCT/WO US9410458)

Priority Application: US 93122794 19930916

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES

FI FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW NL NO NZ PL

PT RO RU SD SE SI SK SK TJ TT UA US UZ VN KE MW SD AT BE CH DE DK ES FR

GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: H04N-005/782

International Patent Class: H04N-05:91; H04N-07:10

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 38416

English Abstract

A video tape player monitors the selection habits of a viewer selecting from a plurality of video tapes. Each video tape contains a plurality of programs. A first type of video tape has a title information symbol contained in a predetermined interval of the tape, e.g. the vertical blanking interval, for each program on the tape. A clock provides the time of occurrence of commands. A detector receives user inputted commands for controlling the movement of the video tape such as play, record, stop. The user inputted commands comprise a start play command to start moving, in a longitudinal direction, the video tape proximate to a magnetic head so that the magnetic head can detect said programs on the video tape and a stop command to stop moving the tape. A controller is coupled to said detector for commanding the motor in response to said detected user inputted commands and for reading the time of occurrence of said detected user inputted commands. A first memory stores a title information symbol for each program on a second type of video tape. A second memory stores the title information symbol and the time of occurrence of said detected user inputted commands. A circuit provides the contents of the second memory to an external analyzer.

French Abstract

Un lecteur de bande video surveille les habitudes de selection d'un utilisateur choisissant parmi une pluralite de bandes video. Chaque bande contient une pluralite de programmes. Un premier type de bande comprend un symbole de donnees de titre contenu dans un intervalle predetermine de la bande, l'interval de suppression de trame, par exemple, pour chaque programme de la bande. Une horloge fournit l'heure d'apparition d'instructions. Un detecteur recoit des instructions introduites par l'utilisateur afin de commander le deplacement de la bande video, notamment pour la lecture, l'enregistrement, l'arret. Les instructions introduites par l'utilisateur comprennent une instruction de debut de lecture, afin d'amorcer le deplacement de la bande video dans un sens longitudinal a proximite d'une tete magnetique, et de facon que la tete magnetique puisse detecter lesdits programmes sur la bande video, et une instruction d'arret permettant d'interrompre le deplacement de la bande. Un controleur est accouple au detecteur afin de commander le moteur en reponse auxdites instructions introduites par l'utilisateur et detectees, et afin de lire l'heure d'apparition desdites instructions. Une premiere memoire memorise un symbole de donnees de titre pour chaque programme sur un second type de bande video. Une seconde memoire memorise le symbole de donnees de titre ainsi que l'heure d'apparition desdites instructions introduites par l'utilisateur et detectees. Un circuit transfere le contenu de la seconde memoire vers un analyseur externe.

Fulltext Availability:

Claims

Claim

- ... tape system of claim 9, wherein the monitoring means further comprises means for determining the **time** of the occurrence of the **user** selected commands.
- 1 2. A method for **monitoring user habits of viewing** an electronic television guide with

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27/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01446714

Program guide system with targeted advertising  
Programmführungssystem mit gezielter Werbung  
Systeme de guides de programmes comportant des publicites cibles

PATENT ASSIGNEE:

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INVENTOR:

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Knee, Robert A., 747 Grissom Drive, Lansdale,, Pennsylvania 19447, (US)

Carpenter, Kenneth, F. Jr., 544 South Brentwood Drive, Mount Laurel,, New  
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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 1237367 A1 020904 (Basic)

APPLICATION (CC, No, Date): EP 2002011161 990225;

PRIORITY (CC, No, Date): US 34939 980304

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 1058999 (EP 99909623)

INTERNATIONAL PATENT CLASS: H04N-005/445; H04N-007/16; H04N-007/173

ABSTRACT EP 1237367 A1

An interactive television program guide system is provided in which  
targeted advertisements may be presented to a user and targeted actions  
taken in the program guide based on the user's interests. The program  
guide monitors the user's interactions with the program guide to  
determine the user's interests. Interactions that may be monitored  
include interactions that indicate the categories of programming that  
interest the user (e.g., movies, sports, children's programming, etc.),  
setting a reminder for a program, purchasing a program, requesting  
information on a program, browsing program listings for a particular time  
or channel, etc.

ABSTRACT WORD COUNT: 95

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020904 A1 Published application with search report

Examination: 020904 A1 Date of request for examination: 20020524

Change: 020925 A1 Inventor information changed: 20020806

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200236	3288
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SPEC A	(English)	200236	10777
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Total word count - document A	14065
-------------------------------	-------

Total word count - document B	0
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Total word count - documents A + B	14065
------------------------------------	-------

...SPECIFICATION confirm (with option 130) the order. If the order is  
confirmed, the selected pay-per- view program will be provided to the  
user at the scheduled broadcast- time . Order review screen 126 may  
contain an advertisement 132 that is targeted to the user based on the  
user's interests as determined by the user's interactions with the  
program guide.

If desired, targeted actions...



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27/5,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00471576

Finite-state machine for reliable computing and adjustment systems  
Endlicher Automat fur zuverlassige Rechner- und Steuerungssysteme  
Machine a nombre fini d'etats pour des systemes de calculation et de  
reglage fiables

PATENT ASSIGNEE:

STMicroelectronics S.r.l., (1014060), Via C. Olivetti, 2, 20041 Agrate  
Brianza (Milano), (IT), (applicant designated states: DE;FR;GB;SE)

INVENTOR:

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Vai, Gianfranco, Via Riviera 134, I-27100 Pavia, (IT)  
Sacchi, Fabrizio, Via Emilia 32, I-27100 Pavia, (IT)

LEGAL REPRESENTATIVE:

Modiano, Guido, Dr.-Ing. et al (40782), Modiano & Associati S.r.l. Via  
Meravigli, 16, 20123 Milano, (IT)

PATENT (CC, No, Kind, Date): EP 482495 A2 920429 (Basic)  
EP 482495 A3 930224  
EP 482495 B1 980708

APPLICATION (CC, No, Date): EP 91117649 911016;

PRIORITY (CC, No, Date): IT 9021816 901022

DESIGNATED STATES: DE; FR; GB; SE

INTERNATIONAL PATENT CLASS: G06F-007/00; G06F-011/08;

CITED REFERENCES (EP A):

PATENT ABSTRACTS OF JAPAN vol. 13, no. 412 (P-932)12 September 1989  
IBM TECHNICAL DISCLOSURE BULLETIN. vol. 21, no. 5, October 1978, NEW YORK  
US pages 2022 - 2023 BEAVEN ET AL 'Verification that a logic design  
does not enter an illegal state.'  
Section EI, Week E05, 17 March 1982 Derwent Publications Ltd., London,  
GB; Class T, AN B2238E  
Derwent Research Disclosure, RD290074, 10 June 1988, DW8831, AN  
88-218147; Anonymous: 'Finite state machine for CKD execution by  
control unit- starts in state 1 and proceeds to different states  
depending upon recieved CCW';

ABSTRACT EP 482495 A2

Finite-state machine for reliable computing and adjustment systems,  
which comprises a combinatorial logic (10) connected to a status memory  
(11) by means of connections which carry future state signals (12) and of  
connections which carry current state signals (13). The combinatorial  
logic (10) comprises input terminals (14) for input signals which are  
external to the finite-state machine and output terminals (15) for output  
signals generated by the combinatorial logic (10). The finite-state  
machine furthermore comprises means for comparing the future state  
signals (12) to at least one reference level (16); the comparison means  
set an error signal (18) toward means for resetting the finite-state  
machine and/or the system which includes it. (see image in original  
document)

ABSTRACT WORD COUNT: 118

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 920429 A2 Published application (A1with Search Report  
;A2without Search Report)  
Search Report: 930224 A3 Separate publication of the European or  
International search report  
Examination: 930908 A2 Date of filing of request for examination:  
930713  
Examination: 970305 A2 Date of despatch of first examination report:  
970116

December 31, 2002

Grant: 980708 B1 Granted patent  
\*Assignee: 980826 B1 Proprietor of the patent (name, address)  
(change)  
Oppn None: 990630 B1 No opposition filed  
Lapse: 990721 B1 Date of lapse of the European patent in a  
Contracting State: SE 981008

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9828	293
CLAIMS B	(German)	9828	262
CLAIMS B	(French)	9828	307
SPEC B	(English)	9828	1820
Total word count - document A			0
Total word count - document B			2682
Total word count - documents A + B			2682

...SPECIFICATION or of a software type, and therefore increases the cost of the development of the **user program**, reducing its performance, due to the need for constant **checking** of the **watchdog timer**.

There are also problems related to the operation of the **watchdog timer**: the finite-state machine can in fact have an abnormal **behavior** lasting up to one time period of the watchdog timer; in other words, if any...

27/5,K/3 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00967975 \*\*Image available\*\*

AUDIO AND VIDEO PROGRAM RECORDING, EDITING AND PLAYBACK SYSTEMS USING METADATA

SYSTEMES D'ENREGISTREMENT, D'EDITION ET DE REPRODUCTION DE PROGRAMMES AUDIO ET VIDEO AU MOYEN DE METADONNEES

Patent Applicant/Assignee:

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(Residence), US (Nationality), (For all designated states except: US)

Legal Representative:

CALL Charles G (agent), 68 Horse Pond Road, West Yarmouth, MA 02673-2516, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2002102079 A1 20021219 (WO 02102079)

Application: WO 2002US18533 20020608 (PCT/WO US0218533)

Priority Application: US 2001297204 20010608; US 2001304570 20010711; US 2001352788 20011128; US 2001336602 20011203; US 200260001 20020129

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04N-007/173

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 38128

English Abstract

A system for utilizing metadata created (111) either at a central location for shared use by connected users, or at each individual user's

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location, to enhance user's enjoyment of available broadcast programming content (100). A variety of mechanisms are employed for automatically and manually identifying and designating programming segments, associating descriptive metadata which the identified segments, distributing (130) the metadata for use at client locations, and using the supplied metadata to selectively record and playback (190) desired programming.

French Abstract

L'invention porte sur un systeme visant a utiliser des metadonnees creees (111) soit a un emplacement central pour etre utilisees en commun par des utilisateurs connectes, soit a chaque emplacement utilisateur individuel, de sorte que les utilisateurs soient mieux satisfaits du contenu des programmes de diffusion (100). Divers mecanismes sont utilises pour identifier et designer automatiquement et manuellement des segments de programmes, associer des metadonnees descriptives aux segments identifies distribuant (130) les metadonnees destinees a etre utilisees aux emplacement clients et utiliser les metadonnees fournies pour enregistrer et reproduire (190) selectivement les programmes desires.

Legal Status (Type, Date, Text)

Publication 20021219 A1 With international search report.

Fulltext Availability:

Detailed Description

Detailed Description

... what action sequences were in a particular show. The system would be able to deduce **viewer** content preferences over **time** by **monitoring** segment-based and **program** -level **viewing** . Alternatively, the **user** could specify such preferences explicitly in their user **profile** .

76

Highlights

A "highlights" playlist would focus on summarizing a given program to a shortened...

27/5,K/4 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00933152 \*\*Image available\*\*

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM FOR RENTAL VEHICLE SERVICES**

**SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES, FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES**

Patent Applicant/Assignee:

THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US  
, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US  
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DE VALLANCE Kimberly Amm, 2037 Silent Spring Drive, Maryland Heights, MO 63043, US, US (Residence), US (Nationality), (Designated only for: US)

HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US, US (Residence), US (Nationality), (Designated only for: US)

KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US (Residence), US (Nationality), (Designated only for: US)

SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US (Residence), US (Nationality), (Designated only for: US)

TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US (Residence), US (Nationality), (Designated only for: US)

KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US

December 31, 2002

(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HAFERKAMP Richard E (et al) (agent), HOWELL & HAFERKAMP, L.C., Suite  
1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200267175 A2 20020829 (WO 0267175)

Application: WO 2001US51437 20011019 (PCT/WO US0151437)

Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 243912

English Abstract

French Abstract

Legal Status (Type, Date, Text)

Publication 20020829 A2 Without international search report and to be  
republished upon receipt of that report.

Declaration 20021114 Late publication under Article 17.2a

Republication 20021114 A2 With declaration under Article 17(2)(a); without  
abstract; title not checked by the International  
Searching Authority.

Fulltext Availability:

Detailed Description

Detailed Description

... not balance to the

amount due. Only Balance Due amount should be  
receipted.

confirm Date/ **Time** Out:: Date and **Time** keyed is not the current date  
and time.

RALPH needs confirmation.

.confirm Unit To Be...

27/5,K/5 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00887595 \*\*Image available\*\*

**MULTIPLE ADVERTISING**

**PUBLICITES MULTIPLES**

Patent Applicant/Assignee:

CACHESTREAM CORPORATION, Suite 280, 3500 Parkway Lane, Norcross, GA 30092

December 31, 2002

, US, US (Residence), US (Nationality)

Inventor(s):

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NOLL Roland, 6016 Cedar Wood Drive, Columbia, MD 21044, US,  
GRIMES Tom, 66 Malhorta Court, Ottawa, Ontario K1V 1K2, CA,

Legal Representative:

WOODEN Sean S (et al) (agent), Dorsey & Whitney LLP, Suite 300 South,  
1001 Pennsylvania Avenue, N.W., Washington, DC 20004, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200221839 A2-A3 20020314 (WO 0221839)  
Application: WO 2001US27517 20010906 (PCT/WO US0127517)  
Priority Application: US 2000230454 20000906

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04N-007/173

International Patent Class: H04N-007/16; H04N-005/445

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10122

English Abstract

A method and apparatus for delivering multiple advertising for display with high-bandwidth content. The method and apparatus deliver multiple advertising to client computers in a flexible and customizable manner. The method and apparatus deliver multiple advertising by receiving multiple advertising at a client via a broadband medium and displaying high-bandwidth content at the client. The multiple advertising includes a package of a plurality of advertisements and the high-bandwidth content is of a form chosen from a list consisting of: video, audio, text, and combination thereof. The method and apparatus customize the multiple advertising by evaluating a correlation between each of the advertisements of the multiple advertising and the displayed high-bandwidth content or a user profile of a user at the client and ranking each advertisement of the multiple advertising based on the correlation of each advertisement and the displayed high-bandwidth content or the user profile.

French Abstract

L'invention concerne un procede et un appareil destines a transmettre plusieurs publicites a afficher avec du contenu en bande large. Ce procede et cet appareil transmettent plusieurs publicites a des ordinateurs clients de maniere flexible et personnalisee et envoient plusieurs publicites lors de la reception des publicites par un client via un support a large bande et de l'affichage du contenu en bande large au client. Ces publicites sont un ensemble de plusieurs publicites et le contenu en bande large peut se presenter sous une forme choisie de la liste suivante : video, audio, texte, et une combinaison de celles-ci. Ce procede et cet appareil personnalisent les publicites et le contenu en bande large affiche ou un profile d'utilisateur d'un utilisateur au niveau du client et ordonnent chaque publicite en fonction de la correlation entre celle-ci et le contenu en bande large ou le profile de l'utilisateur.

Legal Status (Type, Date, Text)

Publication 20020314 A2 Without international search report and to be republished upon receipt of that report.

December 31, 2002

Search Rpt 20020822 Late publication of international search report  
Republication 20020822 A3 With international search report.  
Republication 20020822 A3 Before the expiration of the time limit for  
amending the claims and to be republished in the  
event of the receipt of amendments.  
Examination 20021128 Request for preliminary examination prior to end of  
19th month from priority date

Fulltext Availability:  
Detailed Description

#### Detailed Description

... example, user selection (clicks) are used to increment counts of  
content types in order to **track user** preferences. Alternatively, the  
**time spent viewing** content of a particular **program** classification 82  
may be used as a **criteria** for tracking user preferences, rather than  
clicks. In this alternative, the preference data is preferably...

27/5,K/6 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00836230 \*\*Image available\*\*

#### TELEVISION TELEVISION

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA  
Eindhoven, NL, NL (Residence), NL (Nationality)

Inventor(s):

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Legal Representative:

SHARROCK Daniel J (agent), Internationaal Octrooibureau B.V., Prof.  
Holstlaan 6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200169926 A1 20010920 (WO 0169926)

Application: WO 2001EP2275 20010228 (PCT/WO EP0102275)

Priority Application: GB 20005727 20000310

Designated States: AU BR CN JP KR MX PL

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: H04N-007/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6638

#### English Abstract

A television system which enables advertisements to be targeted at  
viewers who have a particular interest in the products or services being  
promoted by the advertisement comprises reviews from a plurality of  
reviewers (101-1 to 101-n) commissioned by the advertiser (100) and  
alternatively or additionally by independent reviewers (103-1 to 103-n).  
These reviews are encoded into a data channel associated with the  
advertisement. A product rating decoder (106) is provided in a receiver  
(105) which decodes the data in the data channel and selects  
advertisements for display based on the data and a user profile generated  
either explicitly by the user entering preferences via a user interface  
(109) or implicitly by monitoring the type of programme selected for  
viewing by the user.

#### French Abstract

L'invention concerne un systeme de television permettant de cibler des  
messages publicitaires en fonction de telespectateurs manifestant un

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interet particulier pour les produits ou services dont le message publicitaire assure la promotion. Ledit systeme regroupe les critiques formulees par une pluralite de critiques (101-1 a 101-n) mandates par l'annonceur publicitaire (100) et/ou par des critiques independants (103-1 a 103-n). Ces critiques sont codees dans un canal de donnees associe au message publicitaire. Le recepteur (105) est equipe d'un decodeur (106) des evaluations de produits, qui decode les donnees du canal de donnees et selectionne les messages publicitaires a afficher sur la base desdites donnees et d'un profil utilisateur produit soit explicitement par l'utilisateur, lorsqu'il entre ses preferences via une interface utilisateur (109) soit implicitement puisque le systeme surveille le type d'emission que l'utilisateur choisit de regarder.

Legal Status (Type, Date, Text)

Publication 20010920 A1 With international search report.

Publication 20010920 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Fulltext Availability:

Detailed Description

Detailed Description

... the user using  
the user interface or may use implicit data such as monitoring which programmes and/or advertisements the user watches and with what frequency . It may also monitor particular programmes but also types of programmes such as sport, motoring, fashion and the like. The user profiler  
111 will feed the advertisement selector 112 to enable the advertisement selector to monitor those...

27/5,K/7 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00835901 \*\*Image available\*\*

STATE-BASED REMOTE CONTROL SYSTEM

SYSTEME DE TELECOMMANDE BASE SUR L'ETAT

Patent Applicant/Inventor:

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HENRY Justin M, 3125 Fifth Line West, Unit 13, Mississauga, Ontario L5L 3S8, CA, CA (Residence), CA (Nationality)

Legal Representative:

FRENCH David J (agent), P.O. Box 2486, Stn. D, Ottawa, Ontario K1P 5W6, CA,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200169567 A2-A3 20010920 (WO 0169567)

Application: WO 2001CA323 20010314 (PCT/WO CA0100323)

Priority Application: US 2000189487 20000315; US 2000253727 20001129; US 2001804619 20010312; US 2001804620 20010312; US 2001804623 20010312; US 2001804624 20010312; US 2001804718 20010312

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G08C-017/02

International Patent Class: G08C-023/02; G08C-023/04; H04N-007/173

December 31, 2002

Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 15131

English Abstract

A state-based remote control system for providing efficient and simple operation of a plurality of electronic devices as a coordinated system based upon an overall task. The state-based remote control system includes a housing, a keypad in communication with an electronic system contained within the housing, and a communication device in communication with the electronic system for communicating with external electronic devices. The electronic system monitors the buttons selected by a user to determine the state of all external electronic devices that are to be controlled. When the user selects a task (e.g. watch television), the electronic system automatically determines the actions required to achieve the desired task based upon the current state of the external electronic devices. After the task has been fulfilled, the electronic system updates the data to reflect the modified state of the external electronic devices.

French Abstract

L'invention concerne un systeme de telecommande base sur l'etat permettant un fonctionnement efficace et simple de plusieurs dispositifs electroniques tel qu'un systeme coordonne reposant une tache globale. Ledit systeme comprend un boitier, un clavier en communication avec un systeme electronique contenu dans ledit boitier et un dispositif de communication communiquant avec le systeme electronique en vue de communiquer avec des dispositifs electroniques externes. Le systeme electronique controle des boutons selectionnes par un utilisateur afin de determiner l'etat de tous les dispositifs externes qui doivent etre surveilles. Lorsque l'utilisateur selectionne une tache (par ex. regarder la television), le systeme electronique determine automatiquement les actions requises pour effectuer la tache souhaitee en fonction de l'etat du moment des dispositifs electroniques externes. Une fois qu'une tache est accomplie, le systeme electronique met a jour les donnees pour reflechir l'etat modifie des dispositifs electroniques externes.

Legal Status (Type, Date, Text)

Publication 20010920 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20011220 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20020808 Late publication of international search report  
Republication 20020808 A3 With international search report.

Fulltext Availability:  
Detailed Description

Detailed Description

... content access system 10, which comprises a remote control having an electronic system 100 that **monitors** the date, **time**, media type, and current **channel** that a **user** is currently **watching**. When the user depresses a selection button 110 during a television program they are **interested** in receiving additional information about, the electronic system 110 immediately logs the date, time, media...

27/5,K/8 (Item 6 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00832131 \*\*Image available\*\*



December 31, 2002

**ADVERTISEMENT MONITORING AND FEEDBACK SYSTEM**  
**SYSTEME DE CONTROLE ET DE RETOUR D'INFORMATIONS PUBLICITAIRES**

**Patent Applicant/Assignee:**

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US (Residence), US (Nationality), (For all designated states except:  
US)

**Patent Applicant/Inventor:**

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, US (Residence), SN (Nationality), (Designated only for: US)  
BLASKO John P, 4 Old Mill Lane, New Hope, PA 18938, US, US (Residence),  
US (Nationality), (Designated only for: US)

**Legal Representative:**

RYDER Douglas J (et al) (agent), 300 North Broad Street, Doylestown, PA  
18901, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200165747 A1 20010907 (WO 0165747)  
Application: WO 2001US6459 20010301 (PCT/WO US0106459)  
Priority Application: US 2000516983 20000301; US 2000516314 20000301

**Designated States:** AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04H-009/00

International Patent Class: H04N-007/025; H04N-007/10; H04N-007/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14386

**English Abstract**

An advertising monitoring and feedback system (100) is presented in which subscriber selections including channel changes are monitored, and in which information regarding an advertisement is extracted from text related to the advertisement. The text related to the advertisement is in the form of closed-caption text, data transmitted with the advertisement, or other associated text. A record of the effectiveness of the advertisement is created in which measurements of the percentage of the advertisement which was viewed are stored. Such records are then fed back to a subscriber characterization system (104), thereby the subscriber characterization system (104) generates subscriber profiles (106) that incorporate advertising related information. Prior to generating subscriber profiles (106), the subscriber characterization system (104) also evaluates the subscriber selection data to eliminate data associated with irrelevant activities, such as channel surfing, channel jumping, or extended periods of inactivity.

**French Abstract**

La presente invention concerne un systeme de controle et de retour d'informations publicitaires (100) dans lequel les selections de l'abonne sont controlees, y compris les changements de chaine, et dans lequel les informations relatives a une annonce publicitaire sont extraites d'un texte lie a l'annonce. Le texte lie a l'annonce publicitaire se presente sous la forme de sous-titre code, de donnees transmises avec l'annonce ou d'un autre texte associe. On cree un enregistrement de l'efficacite de l'annonce publicitaire dans lequel sont stockees les mesures du pourcentage d'audience obtenu par l'annonce. Ces enregistrements sont ensuite envoyes en retour a un systeme de caracterisation d'abonne (104)

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qui produit, sur la base de ces enregistrements, des profils d'abonne (106) dans lesquels sont integrees les informations relatives a l'annonce. Avant de produire les profils d'abonne (106), le systeme de caracterisation d'abonne (104) evalue egalement les donnees de selection d'abonne afin d'eliminer les donnees associees a des activites sans interet telles que le zapping, le passage d'une chaine a l'autre ou les longues periodes d'inactivite.

Legal Status (Type, Date, Text)

Publication 20010907 A1 With international search report.

Publication 20010907 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20011206 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... actual subscriber selection data; and  
processing the actual subscriber selection data to create  
the subscriber **profile** .

12 The method of claim 11, wherein said monitoring  
**subscriber program viewing** activities includes **monitoring**  
**viewing time** durations for selected source material.

13 The method of claim 11, wherein said evaluating the...

27/5,K/9 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00807816 \*\*Image available\*\*

**CONSUMER ACCESS SYSTEMS AND METHODS FOR PROVIDING SAME**  
**SYSTEMES D'ACCES AUX CONSOMMATEURS ET LEURS PROCEDES DE FOURNITURE**

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200141437 A2-A3 20010607 (WO 0141437)

Application: WO 2000US32911 20001204 (PCT/WO US0032911)

Priority Application: US 99168822 19991203

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK  
(utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model)  
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

December 31, 2002

Main International Patent Class: H04N-007/18  
International Patent Class: H04N-007/14  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
    Detailed Description  
    Claims  
Fulltext Word Count: 18474

English Abstract

Apparatus and methods for providing enhanced consumer access to information sources and controllable entities. An Access device can be a stand alone device such as a DVD player in which the DVD disk contains the back-end information network. Other Access devices obtain the back-end information network from remote sources. By way of a specific example, the consumer can then view a game and interactively select every television camera located at the game venue.

French Abstract

Appareil et procedes de fourniture d'accès amelioree des consommateurs a des sources d'informations et des entites pouvant etre commandeés. Un dispositif d'accès peut etre un dispositif autonome tel qu'un lecteur de DVD dans lequel le disque DVD contient le reseau dorsal d'informations. D'autres dispositifs d'accès obtiennent le reseau dorsal d'informations a partir de sources distantes. A titre d'exemple spécifique, le consommateur peut ensuite regarder un jeu et selectionner de facon interactive chaque camera de television situee sur le site du jeu.

Legal Status (Type, Date, Text)

Publication 20010607 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20010913 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20011129 Late publication of international search report  
Republication 20011129 A3 With international search report.  
Fulltext Availability:  
    Detailed Description

Detailed Description

... present invention allows the advertisers, content owners, broadcasters, and network/cable operators to dynamically insert **profile** targeted advertisements, simultaneously **showing** different adds to different **viewers** during the same event, to track **user behavior**, to create, poll, **track** and **monitor** in real **time**.

27/5,K/10 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761424

A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PHASE DELIVERY OF COMPONENTS OF A SYSTEM REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE PAR PHASES DE COMPOSANTS D'UN SYSTEME NECESSAIRES A L'APPLICATION D'UNE TECHNIQUE

Patent Applicant/Assignee:

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Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

December 31, 2002

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073930 A2 20001207 (WO 0073930)  
Application: WO 2000US14458 20000524 (PCT/WO US0014458)  
Priority Application: US 99321360 19990527

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility  
model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK  
(utility model) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 149456

English Abstract

French Abstract

L'invention concerne un systeme, un procede et un article manufacture  
destines a afficher des phases de fourniture de composants d'un systeme,  
en affichant d'abord une representation picturale d'un systeme existant  
comprenant plusieurs composants. Ensuite, une premiere serie de  
composants a fournir dans une premiere phase est presentee. Cette  
operation s'effectue par codage indiciel de la premiere serie de  
composants, de facon specifique. Par la suite, une deuxieme serie de  
composants a fournir dans une deuxieme phase est presentee. Cette  
operation s'effectue par codage indiciel de la deuxieme serie de  
composants, de facon unique par rapport au codage indiciel de la premiere  
serie de composants.

Legal Status (Type, Date, Text)

Publication 20001207 A2 Without international search report and to be  
republished upon receipt of that report.  
Examination 20010301 Request for preliminary examination prior to end of  
19th month from priority date  
Declaration 20011108 Late publication under Article 17.2a  
Republication 20011108 A2 With declaration under Article 17(2)(a); without  
abstract; title not checked by the International  
Searching Authority.

Fulltext Availability:

Detailed Description

Detailed Description

... helps ensure that all cases are thought up so that component testing  
is complete. To **view** the test case **checklist** follow the doclink.

d) What components interface with the Test Planning component?  
The following components...

27/5,K/11 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00514350 \*\*Image available\*\*

PROGRAM GUIDE SYSTEM WITH TARGETED ADVERTISING

December 31, 2002

**SYSTEME DE GUIDES DE PROGRAMMES COMPORTANT DES PUBLICITES CIBLEES**

Patent Applicant/Assignee:

PREVUE INTERNATIONAL INC,

Inventor(s):

KNUDSON Edward B,

ELLIS Michael D,

KNEE Robert A,

CARPENTER Kenneth F Jr,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9945702 A1 19990910

Application: WO 99US4163 19990225 (PCT/WO US9904163)

Priority Application: US 9834939 19980304

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG UZ VN YU ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM

AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM

GA GN GW ML MR NE SN TD TG

Main International Patent Class: H04N-005/445

International Patent Class: H04N-007/16; H04N-007/173

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12095

**English Abstract**

An interactive television program guide system is provided in which targeted advertisements may be presented to a user and targeted actions taken in the program guide based on the user's interests. The program guide monitors the user's interactions with the program guide to determine the user's interests. Interactions that may be monitored include interactions that indicate the categories of programming that interest the user (e.g., movies, sports, children's programming, etc. ), setting a reminder for a program, purchasing a program, requesting information on a program, browsing program listings for a particular time or channel, etc.

**French Abstract**

L'invention concerne un systeme interactif de guide de programmes de television dans lequel des publicites cibles peuvent etre presentees a un utilisateur, et des actions cibles mises en oeuvre dans le guide de programmes en fonction des interets de l'utilisateur. Le guide de programmes surveille les interactions entre l'utilisateur et le guide de programmes pour determiner les interets de l'utilisateur. Les interactions susceptibles d'etre surveillees comprennent notamment des interactions indiquant les categories de programmation qui interessent l'utilisateur (p. ex. films, sports, emissions pour enfants etc.), l'etablissement d'un rappel pour une emission, la commande d'une emission, la demande d'informations concernant une emission, le survol de listes de programmes pour rechercher une heure ou une chaine particuliere, etc.

Fulltext Availability:

Detailed Description

**Detailed Description**

... confirm (with

option 130) the order. If the order is confirmed, the selected pay-per-view program will be provided to the user at the scheduled broadcast time. Order review screen 126 may contain an advertisement 132 that is targeted to the user based on the user's interests as determined by the user's interactions with the program guide.

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If desired, targeted actions...

27/5,K/12 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00447232 \*\*Image available\*\*  
BROADCAST DATA DISTRIBUTION SYSTEM WITH ASYMMETRIC UPLINK/DOWNLINK  
BANDWIDTHS  
SYSTEME DE DISTRIBUTION DE DONNEES DE RADIODIFFUSION A LARGEURS DE BANDE DE  
LIAISONS MONTANTES/DESCENDANTES ASYMETRIQUES  
Patent Applicant/Assignee:  
HERZ Frederick S M,  
Inventor(s):  
HERZ Frederick S M,  
SMITH Jonathan M,  
WACHOB David,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9837696 A1 19980827  
Application: WO 98US3181 19980217 (PCT/WO US9803181)  
Priority Application: US 9737354 19970221  
Designated States: AU CA CN JP MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE  
Main International Patent Class: H04N-007/173  
Publication Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 19142

#### English Abstract

The broadcast data distribution system distributes directory and indexing information for the selection of viewing choices in broadcast and multicast networks with asymmetric uplink/downlink bandwidths. Examples of such systems include Digital Broadcast Satellite (DBS) and Cable Television (CATV) systems. More particularly, a preferred embodiment of the invention co-locates shared directory resources at directory servers which can provide the benefit of technology improvement through storage multiplexing to directory clients, which are assumed to have smaller, more heterogeneous and slowly-evolving memory and processing resources. The directory information stored at the directory clients is a subset of the information maintained at the directory servers selected on the basis of subscriber interest. This system automatically constructs both a target profile for each target object (program) that is broadcast, as well as a "target profile interest summary" for each subscriber, which target profile interest summary describes the subscriber's interest level in various types of target objects. The system then evaluates the target profiles against the subscriber's target profile interest summaries to generate a subscriber-customized rank ordered listing of target objects most likely to be of interest to each subscriber, so that the subscriber can select from among these potentially relevant target objects, which were automatically selected by this system from the plethora of target objects available on the data distribution system.

#### French Abstract

Le systeme de distribution de donnees de radiodiffusion distribue des informations de repertoire et d'indexation qui permettent de selectionner des choix de programmes dans des reseaux de radiodiffusion a largeur de bande de liaisons montantes/descendantes asymetriques. Ces systemes sont par exemple les systemes a satellite de radiodiffusion numerique (DBS) et de teledistribution (CATV). D'une maniere plus specifique, dans une forme de realisation preferee de cette invention, on co-situe des ressources de

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repertoires partagees dans des serveurs de repertoires pour faire beneficier les clients du repertoire des avancees technologiques par le biais du multiplexage des memoires, lesdits clients etant supposes avoir des ressources de memoire et de traitement plus faibles, plus heterogenes et evoluant plus lentement. Les informations de repertoire stockees chez les clients du repertoire sont un sous-ensemble des informations conservees par les serveurs de repertoires selectionne en fonction de l'interet de l'abonne. Ce systeme construit automatiquement un profil cible pour chaque objet cible (programme) qui est diffuse ainsi qu'un "resume d'interet du profil cible" pour chaque abonne, ledit resume d'interet du profil cible decrivant le niveau d'interet de l'abonne pour divers types d'objets cibles. Le systeme evalue ensuite les profils cibles par rapport aux resumes de profils cibles des abonnees pour generer une liste ordonnee, adaptee a l'abonne, des objets cibles pouvant le plus probablement interesser chaque abonne de maniere a ce que l'abonne puisse effectuer son choix parmi les objets cibles potentiellement concernes qui ont ete automatiquement selectionnes par ledit systeme parmi le nombre plethorique d'objets cibles disponibles sur le systeme de distribution de donnees.

Fulltext Availability:  
Detailed Description

Detailed Description

... Monitor Which Programs Are Viewed

The processor 406, at step 707, monitors which programs the **subscriber views**, keeping **track** of how much **time** is spent **viewing** the **program**. This information can be combined to measure the depth of the subscriber's **interest** in the program, yielding a passive relevance feedback score, as described earlier.

The exact details...

27/5,K/13 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00344642

**SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION**

**SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION ELECTRONIQUE DES DROITS**

Patent Applicant/Assignee:

ELECTRONIC PUBLISHING RESOURCES INC,

Inventor(s):

GINTER Karl L,  
SHEAR Victor H,  
SPAHN Francis J,  
VAN WIE David M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9627155 A2 19960906

Application: WO 96US2303 19960213 (PCT/WO US9602303)

Priority Application: US 95388107 19950213

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL  
PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY  
KG KZ RU TJ TM AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF  
CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-001/00

International Patent Class: G06F-17:60

Publication Language: English

Fulltext Availability:  
Detailed Description

Claims

Fulltext Word Count: 207972

English Abstract

The present invention provides systems and methods for electronic commerce including secure transaction management and electronic rights protection. Electronic appliances such as computers employed in accordance with the present invention help to ensure that information is accessed and used only in authorized ways, and maintain the integrity, availability, and/or confidentiality of the information. Secure subsystems used with such electronic appliances provide a distributed virtual distribution environment (VDE) that may enforce a secure chain of handling and control, for example, to control and/or meter or otherwise monitor use of electronically stored or disseminated information. Such a virtual distribution environment may be used to protect rights of various participants in electronic commerce and other electronic or electronic-facilitated transactions. Secure distributed and other operating system environments and architectures, employing, for example, secure semiconductor processing arrangements that may establish secure, protected environments at each node. These techniques may be used to support an end-to-end electronic information distribution capability that may be used, for example, utilizing the "electronic highway".

French Abstract

Systemes et procedes destines au domaine du commerce electronique, et notamment a la gestion securisee des transactions et a la protection electronique des droits. Les appareils electroniques tels que les ordinateurs utilises conformement a la presente invention permettent d'assurer que les informations ne sont consultees et exploitees que de maniere autorisee, et ils conservent l'integrite, la disponibilite et/ou le caractere confidentiel des informations. Les sous-systemes securises utilises en association avec de tels appareils electroniques constituent un environnement de distribution virtuel distribue (VDE) apte a imposer une chaine securisee de traitement et de commande, par exemple pour la commande et/ou la mesure ou encore le controle de l'utilisation d'informations stockees ou diffusees electroniquement. Cet environnement de distribution virtuel peut servir a proteger les droits de differents individus impliquees dans le commerce electronique et dans d'autres transactions electroniques ou assistees par des moyens electroniques. On a egalement prevu des environnements et architectures de systeme d'exploitation distribues, securises et autres mettant en oeuvre, par exemple, des ensembles de traitement securise a semi-conducteurs pouvant etablir des environnements securises et proteges au niveau de chaque noeud. Ces techniques peuvent servir de soutien pour une fonction electronique de distribution d'informations de bout en bout, cette fonction etant utilisable, par exemple, dans le domaine de l'"autoroute electronique".

Fulltext Availability:

Detailed Description

Detailed Description

... too large to store

within container 302. Items may, for example, be delivered to the **user** in the form of a 'live feed' of video at a certain time. Even then...of VDE related objects 300 by electronic appliance 600. As will be explained, these SPU **program** include "load modules" for performing basic control fimctions. These various **program** and associated data are executed and manipulated primarily by microprocessor 520. Real Time Clock (RTC..



December 31, 2002

33/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01394454

Improvements to electronic programme guide  
Verbesserungen für einen elektronischen Programmführer  
Améliorations apportées à un guide de programmes électronique

PATENT ASSIGNEE:

Pace Micro Technology PLC, (2709810), Victoria Road, Saltaire, Shipley,  
West Yorkshire BD18 3LF, (GB), (Applicant designated States: all)

INVENTOR:

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Bruscino, Carolyn, 418 NE 6th Avenue, Deerfield Beach, FL33441, (US)

LEGAL REPRESENTATIVE:

Wood, Graham (78011), Bailey Walsh & Co, 5 York Place, Leeds LS1 2SD,  
(GB)

PATENT (CC, No, Kind, Date): EP 1180899 A2 020220 (Basic)

APPLICATION (CC, No, Date): EP 2001306704 010806;

PRIORITY (CC, No, Date): GB 19318 000808

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-005/445

ABSTRACT EP 1180899 A2

A television system is provided including a display screen (4) and a broadcast data receiver (BDR) for the reception of data broadcast from a broadcaster at a remote location. The data received comprises video, audio and/or auxiliary data, and at least part of the data is processed by the BDR to generate an electronic programme guide (EPG). The EPG contains information relating to a range of programmes for viewing at that instant or in the future and is displayed on the display screen. The BDR is provided with a facility allowing a user to select to view from the EPG, for a pre-determined period of time, a visual display of each, or a predetermined selection, of the programmes available for viewing at that instant or for a particular time period in the future.

ABSTRACT WORD COUNT: 134

NOTE:

Figure number on first page: NONE

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020220 A2 Published application without search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200208	755
SPEC A	(English)	200208	2235
Total word count - document A			2990
Total word count - document B			0
Total word count - documents A + B			2990

...CLAIMS period of time, a visual display for each, or a pre-determined selection, of the programmes available for viewing for a particular time period.

14. A method of reviewing a number of programmes identified in an EPG, said EPG being generated from a broadcast data receiver for display on...

33/5,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01205587

December 31, 2002

**Method for providing interactive program guide information**

**Verfahren zum Erzeugen von Information einer interaktiven Programmführung**

**Procede pour etablir l'information d'un guide interactif de programmes**

**PATENT ASSIGNEE:**

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412,  
(US), (Applicant designated States: all)

**INVENTOR:**

Gilboy, Christopher P., 11 Paulette Drive, Freehold, New Jersey 07728,  
(US)

**LEGAL REPRESENTATIVE:**

Modiano, Guido, Dr.-Ing. et al (40786), Modiano, Josif, Pisanty & Staub,  
Baaderstrasse 3, 80469 Munchen, (DE)

**PATENT (CC, No, Kind, Date):** EP 1049328 A1 001102 (Basic)

**APPLICATION (CC, No, Date):** EP 108078 000425;

**PRIORITY (CC, No, Date):** US 301874 990429

**DESIGNATED STATES:** DE; FR; GB; IT

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK; RO; SI

**INTERNATIONAL PATENT CLASS:** H04N-005/445; H04N-007/16

**ABSTRACT EP 1049328 A1**

A viewer may enjoy viewing a program listing that indicates viewer preferences obtained by monitoring the viewers's viewing habits. For each **program** viewed, at least two **characteristics** of the **program** (e.g., **viewing duration**, **viewing frequency** and **program content**) are **monitored**, and if at least one **characteristic** meets a prescribed threshold, the identity of the program whose characteristic met the prescribed threshold is recorded. The recorded program preferences are employed to create a filter for application on a standard program listing to create a listing identifying user preferences.

**ABSTRACT WORD COUNT:** 88

**NOTE:**

Figure number on first page: 4

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Application: 001102 A1 Published application with search report

Examination: 001227 A1 Date of request for examination: 20001025

Withdrawal: 020123 A1 Date of withdrawal of application: 20011126

**LANGUAGE (Publication,Procedural,Application):** English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200044	475
SPEC A	(English)	200044	1924
Total word count - document A			2399
Total word count - document B			0
Total word count - documents A + B			2399

...ABSTRACT listing that indicates viewer preferences obtained by monitoring the viewers's viewing habits. For each **program** viewed, at least two **characteristics** of the **program** (e.g., **viewing duration**, **viewing frequency** and **program content**) are **monitored**, and if at least one **characteristic** meets a prescribed threshold, the identity of the program whose characteristic met the prescribed threshold...

33/5,K/3 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00787387 \*\*Image available\*\*

**SYSTEM FOR EXTENDING A RENTAL PERIOD OF DOWNLOADED VIDEO**

**SYSTEME PERMETTANT D'ETENDRE LA DUREE DE LOCATION D'UN FICHER VIDEO  
TELECHARGE**

**Patent Applicant/Assignee:**

VIDEOSDOTCOM INC, 2570 El Dorado Parkway, Suite 120, McKinney, TX 75070,  
US, US (Residence), US (Nationality)

December 31, 2002

Inventor(s):

JAVED Shoeb M, 7832 Alderwood Place, Plano, TX 75025, US,  
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ADIVI Venkatesh, 11020 Huebner Oakes, Apt. 924, San Antonio, TX 78230, US

Legal Representative:

MUNCK William A (et al) (agent), Novakov Davis, P.C., Suite 2000, 750  
North St. Paul Street, Dallas, TX 75201-3286, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200120907 A1 20010322 (WO 0120907)  
Application: WO 2000US25121 20000913 (PCT/WO US0025121)  
Priority Application: US 99153735 19990913; US 2000621839 20000724

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04N-007/03

International Patent Class: H04N-007/08; H04N-007/12; H04N-007/173;

G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9026

English Abstract

There is disclosed a video distribution server (180) for use in a communication network (140) capable of communicating with a plurality of subscribers seeking to download video files and a plurality of video content servers (150, 160, 170) capable of providing the video files. The video distribution server (180) extends an expired rental period of a first video file already downloaded to a first subscriber. The video distribution server (180) comprises a first controller (222) for receiving from the first subscriber a first video rental extension message requesting extension of the expired rental period of the first video file. The first controller (222), in response to receipt of the first video rental extension message, transmits to a first one of the plurality of video content servers (150) having the first video file a rental extension request message comprising a subscriber identifier associated with a first video player (112) associated with the first subscriber. The rental extension request message causes the first video content server (150) to transmit a rental extension authorization message to the first video player (112) when the first video player (112) subsequently transmits the subscriber identifier to the first video content server (150).

French Abstract

L'invention concerne un serveur de distribution (180) video utilise dans un reseau de communications (140), capable de communiquer avec plusieurs abonnes cherchant a telecharger des fichiers video, et plusieurs serveurs de contenu (150, 160, 170) video capables de fournir des fichiers video. Le serveur de distribution (180) video permet d'etendre la duree de location expiree d'un premier fichier video deja telecharge par un premier abonne. Le serveur de distribution (180) video comprend un premier controleur (222) destine a recevoir d'un premier abonne, un premier message d'extansion de location video demandant l'extansion de la duree de location expiree du premier fichier video. Ce premier controleur (222), en reponse a la reception du premier message d'extension de location video, transmet a l'un des serveurs de contenu (150) video renfermant le premier fichier video, un message de demande d'extension de

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location contenant un identificateur d'abonne associe a un premier  
videolecteur (112) et au premier abonne. Le message de demande  
d'extension de location amene le premier serveur de contenu (150) video a  
transmettre un message d'autorisation d'extension de location au premier  
videolecteur (112) lorsque ce videolecteur (112) transmet ulterieurement  
l'identificateur d'abonne audit premier serveur de contenu (150) video.

Legal Status (Type, Date, Text)

Publication 20010322 A1 With international search report.

Publication 20010322 A1 Before the expiration of the time limit for  
amending the claims and to be republished in the  
event of the receipt of amendments.

Examination 20010816 Request for preliminary examination prior to end of  
19th month from priority date

Fulltext Availability:

Claims

Claim

... video rental.

After extension confirmation is received from VPOP  
network 150, NVP 112 updates the **Time Last Checked** value to  
the current **time** and plays the video on **television** 111.  
FIGURE 9 illustrates exemplary web page 900 from which  
a subscriber using NVP 112...

33/5,K/4 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00743965 \*\*Image available\*\*

**METHODS AND APPARATUSES FOR INTERACTING WITH MEMBERS OF A MEMBERSHIP  
ORGANIZATION**

**PROCEDES ET DISPOSITIFS PERMETTANT D'INTERAGIR AVEC LES MEMBRES D'UNE  
ASSOCIATION**

Patent Applicant/Assignee:

ALL ADVANTAGE COM INC, 4010 Point Eden Way, Hayward, CA 94545, US, US  
(Residence), US (Nationality)

Inventor(s):

ANDERSON Carl, 27 Adam Way, Atherton, CA 94027, US,  
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JORGENSEN Jim, 773 Frenchman's Road, Stanford, CA 94305, US,  
POHLE Johannes, 2847 Alhambra Drive, Belmont, CA 94002, US,

Legal Representative:

MILLIKEN Darren J (et al) (agent), Blakely, Sokoloff, Taylor & Zafman  
LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200057334 A2 20000928 (WO 0057334)

Application: WO 2000US7803 20000324 (PCT/WO US0007803)

Priority Application: US 99126081 19990325; US 2000493448 20000128

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-007/60

International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

December 31, 2002

Fulltext Word Count: 11479

English Abstract

French Abstract

L'invention concerne un dispositif et un procede qui permettent de payer en liquide ou d'une maniere equivalente les membres d'une association desirant participer aux activites de ladite association. Dans l'un des modes de realisation, l'association indemnise les membres pour le temps qu'ils passent a naviguer sur le Web. Elle paie egalement en liquide ou d'une maniere equivalente un premier membre pour le temps que passe un second membre a naviguer sur le Web quand ledit second membre a ete mentionne, directement ou indirectement, par le premier.

Legal Status (Type, Date, Text)

Publication 20000928 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20001228 Request for preliminary examination prior to end of 19th month from priority date  
Declaration 20011025 Late publication under Article 17.2a  
Republication 20011025 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Fulltext Availability:

Claims

Claim

... TO  
722 BY AD SERVER ORGANIZATION ORGANIZATION  
710 714 716  
7F  
WAIT FOR ANY  
APPLICABLE MONITOR  
DELAY PERIOD TO MEMBER'S AD RECEIVE UPDATED  
EXPIRE INTEREST AND MEMBER PROFILE FROM  
723 REPO-RT TO ORGANIZATION  
ORGANIZATION  
712 717  
DOWNLOAD  
VIEWING WINDOW...

33/5,K/5 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00385070 \*\*Image available\*\*

METHOD AND APPARATUS FOR TRANSMITTING AND DOWNLOADING SETUP INFORMATION  
PROCEDE ET DISPOSITIF D'EMISSION ET DE TELECHARGEMENT D'INFORMATIONS  
D'ETABLISSEMENT

Patent Applicant/Assignee:

INDEX SYSTEMS INC,  
YUEN Henry C,  
KWOH Daniel S,  
CHANG Allen,

Inventor(s):

YUEN Henry C,  
KWOH Daniel S,  
CHANG Allen,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9725813 A1 19970717  
Application: WO 97US739 19970110 (PCT/WO US9700739)  
Priority Application: US 9610023 19960111; US 96615567 19960311; US

December 31, 2002

9617703 19960523; US 96694867 19960809

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW  
MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW  
SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: H04N-005/38

International Patent Class: H04N-07:167; H04N-07:173

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17069

#### English Abstract

Multiple channel maps are embedded in a television transmission and the appropriate channel map (68) corresponding to the particular television service used by the viewer is downloaded for use with the television receiver. Each channel map (68) is accompanied by a channel map identifier (66) which identifies the source of the **television** transmission and a geographic **identifier**. The source of a **television** transmission is automatically **detected** by **monitoring** the radio-**frequency** spectrum allocations of telecast stations. The geographic area identifier is determined by comparison with a user inputted geographic area identifier. The channel map (68) having a channel map identifier (66) corresponding to the detected television transmission source and the user inputted geographic area identifier is downloaded and stored for future use.

#### French Abstract

Des cartes d'attribution de canaux multiples sont integrees a un signal d'emission television et la carte appropriee (68), correspondant a une emission television donnee utilisee par le telespectateur, est telechargee pour etre utilisee sur le recepteur de television. Chaque carte de canal (68) est accompagnee d'un identificateur de carte de canal (66), qui identifie la source d'emission de television, et d'un identificateur géographique. La source d'une emission de television est automatiquement detectee par observation des attributions dans le spectre des radio-frequences des stations de television. L'identificateur de zone géographique est determine par comparaison avec un identificateur de zone géographique introduit par l'utilisateur. La carte de canal (68) comportant un identificateur de carte de canal (66) qui correspond a la source d'emission de television detectee et a l'identificateur de zone géographique introduite par l'utilisateur est telechargee puis memorisee pour utilisation ulterieure.

#### English Abstract

...68) is accompanied by a channel map identifier (66) which identifies the source of the **television** transmission and a geographic **identifier**. The source of a **television** transmission is automatically **detected** by **monitoring** the radio-**frequency** spectrum allocations of telecast stations. The geographic area identifier is determined by comparison with a...

33/5,K/6 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00334187 \*\*Image available\*\*

METHOD AND APPARATUS FOR DETECTION AND PREVENTION OF FIRE HAZARD

PROCEDE ET APPAREIL POUR LA DETECTION ET LA PREVENTION DES DANGERS  
D'INCENDIE

Patent Applicant/Assignee:

NORSK HYDRO A S,

December 31, 2002

OSTLYNGEN Tom Wilhelm,  
THRONAES Bjorn,

Inventor(s):

OSTLYNGEN Tom Wilhelm,  
THRONAES Bjorn,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9616699 A1 19960606

Application: WO 95NO221 19951201 (PCT/WO NO9500221)

Priority Application: NO 944667 19941202

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU

IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD

SE SG SI SK TJ TM TT UA UG US UZ VN KE LS MW SD SZ UG AT BE CH DE DK ES

FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: A62C-003/07

Publication Language: Spanish

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 2429

English Abstract

A new method and apparatus for detection of fire hazard and prevention or extinguishing of fire are provided based on activation of a plurality of independently operable nozzles discharging cooling/fire extinguishing agent in a pre-programmed time pattern upon automatic detection of impact imposed on vehicles. The extinguishing agent is preferably CO2 already provided in the vehicle and applied as a refrigerant in the vehicle's air conditioning system.

French Abstract

Cette invention se rapporte a un nouveau procede et a un nouvel appareil servant a la detection de dangers d'incendies et a la prevention ou l'extinction d'incendies, sur la base de l'actionnement de plusieurs lances commandables separement, lesquelles dechargent un agent d'extinction/refroidissement selon un minutage preprogramme, apres detection automatique d'un impact s'etant produit sur des vehicules. L'agent extincteur en question est en preference du CO2 se trouvant deja dans le vehicule et utilise comme refrigerant dans le systeme de climatisation du vehicule.

Fulltext Availability:

Claims

Claim

... nozzles distributed through different parts of the vehicle discharging cooling/fire extinguishing agent in a pre- **programmed time pattern** .

2 Method of automafic **detection** of a fire hazard and method of prevention or extinguishing of fire,  
c h a...

33/5,K/7 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00156314

SIGNAL PROCESSING APPARATUS AND METHODS

DISPOSITIF ET PROCEDES DE TRAITEMENT DE SIGNAUX

Patent Applicant/Assignee:

HARVEY John C,

Inventor(s):

HARVEY John C,

CUDDIHY James W,

December 31, 2002

Patent and Priority Information (Country, Number, Date):

Patent: WO 8902682 A1 19890323

Application: WO 88US3000 19880908 (PCT/WO US8803000)

Priority Application: US 8796 19870911

Designated States: AT AU BE BJ BR CF CG CH CM DE DK FI FR GA GB GB HU IT JP

KP LK LU MC MG ML MR MW NL NO RO SE SN SU TD TG

Main International Patent Class: H04K-007/00

International Patent Class: H04N-07:16

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 161690

English Abstract

A unified system of programming communication. The system encompasses prior art communications (such as, for example, television, radio, electronically transmitted print, and computer communications) and new user specific mass media. Within the unified system, computer system means (205) and methods provide capacity for generating relevant user specific information simultaneously at each station (26) of a plurality of subscriber stations (26).

French Abstract

Système unifié de communication a programmation regroupant les communications de l'art antérieur (telles que par exemple la télévision, la radio, l'impression transmise électroniquement, et les communications par ordinateur) ainsi que les nouveaux mass medias spécifiques aux utilisateurs. Dans le système unifié, des moyens (205) et procédés mettant en oeuvre des systèmes d'ordinateurs ont la capacité de produire des informations spécifiques a un utilisateur particulier, simultanément a chaque poste (26) d'une pluralité de postes d'abonnés (26).

Fulltext Availability:

Claims

Claim

... which is shown in Fig. 2B, detect signal

35 information embedded in the respective inputted **television** and radio **frequencies**, render said information into digital signals that **subscriber** station apparatus can process, modify particular ones of said signals through the addition and/or...



December 31, 2002

File 8: Ei Compendex(R) 1970-2002/Dec W4  
(c) 2002 Elsevier Eng. Info. Inc.  
File 35: Dissertation Abs Online 1861-2002/Nov  
(c) 2002 ProQuest Info&Learning  
File 65: Inside Conferences 1993-2002/Dec W5  
(c) 2002 BLDSC all rts. reserv.  
File 2: INSPEC 1969-2002/Dec W3  
(c) 2002 Institution of Electrical Engineers  
File 233: Internet & Personal Comp. Abs. 1981-2002/Dec  
(c) 2002 Info. Today Inc.  
File 94: JICST-EPlus 1985-2002/Oct W3  
(c) 2002 Japan Science and Tech Corp(JST)  
File 603: Newspaper Abstracts 1984-1988  
(c) 2001 ProQuest Info&Learning  
File 483: Newspaper Abs Daily 1986-2002/Dec 30  
(c) 2002 ProQuest Info&Learning  
File 6: NTIS 1964-2002/Dec W5  
(c) 2002 NTIS, Intl Cpyrghrt All Rights Res  
File 144: Pascal 1973-2002/Dec W4  
(c) 2002 INIST/CNRS  
File 202: Information Science Abs. 1966-2002/Oct 29  
(c) Information Today, Inc  
File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info  
File 34: SciSearch(R) Cited Ref Sci 1990-2002/Dec W5  
(c) 2002 Inst for Sci Info  
File 99: Wilson Appl. Sci & Tech Abs 1983-2002/Nov  
(c) 2002 The HW Wilson Co.  
File 583: Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group

Set	Items	Description
S1	1898124	VIEW? OR WATCH? OR LOOK?
S2	6332537	SUBSCRIBER? OR USER? OR PERSON? OR PEOPLE OR MAN OR MEN OR WOM?N OR INDIVIDUAL? OR CUSTOMER? OR CONSUMER? OR CLIENT?
S3	10068895	TIME? OR PERIOD? OR SESSION? OR INTERVAL? OR FREQUENC?
S4	12467157	PROGRAM? OR CHANNEL? OR COMMERCIAL? OR ADVERTI? OR AD OR A-DS OR TV OR TELEVISION? OR SHOW? OR SITCOM? OR PLUG?
S5	15788784	PROFILE? OR OUTLIN? OR PATTERN? OR CRITERIA? OR CHARACTERISTIC? OR HABIT? OR ATTRIBUT? OR INTEREST? OR LIKES OR DISLIKES OR BEHAVIOR? OR VALUE? OR DEMOGRAPHIC? OR PARAMETER? OR IDENTIF?
S6	25029671	MONITOR? OR JUDG? OR TRACK? OR INSPECT? OR REVIEW? OR ASSESS? OR EXAMIN? OR OBSERV? OR CHECK? OR SCRUTINIZ? OR STUDY OR STUDI? OR DETECT? OR OVERSEE? OR AUDIT? OR TRACE? OR TRACING - OR EVALUAT?
S7	4134	S1(5N)S2(5N)S3
S8	489	S7(5N)S4
S9	170	S8 AND S5
S10	32	S8(5N)S5
S11	31	RD (unique items)
S12	49	S8(15N)S5
S13	46	RD (unique items)
S14	13	S13 AND PY=1999:2002
S15	33	S13 NOT S14
S16	305659	S2 AND S3 AND S4 AND S6
S17	8071	S2(5N)S3(5N)S4(5N)S6
S18	170137	S16 AND S5
S19	3866	S17 AND S5
S20	1153	S17(5N)S5
S21	27	S20(5N)S1
S22	88	S20 AND S1
S23	81	RD (unique items)
S24	15	S23 AND PY=1999:2002
S25	66	S23 NOT S24

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S26	31	S20(15N)S1
S27	30	RD (unique items)
S28	6	S27 AND PY=1999:2002
S29	24	S27 NOT S28
S30	19	S29 NOT S15

December 31, 2002

15/3,K/1 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
(c) 2002 Elsevier Eng. Info. Inc. All rts. reserv.

04338147 E.I. No: EIP96013014968

Title: **Dynamic performance of a random access, code combining CDMA system**  
Author: Souissi, Slim; Wicker, Stephen B.  
Corporate Source: Georgia Inst of Technology, Atlanta, GA, USA  
Conference Title: Proceedings of the 1995 6th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC'95. Part 2 (of 3)  
Conference Location: Toronto, Can Conference Date: 19950927-19950929  
E.I. Conference No.: 44246  
Source: IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC v 2 1995. IEEE, Piscataway, NJ, USA, 95TH8135. p 628-632  
Publication Year: 1995  
CODEN: 002295  
Language: English

...Abstract: of L previously transmitted copies). Unlike Raychaudhuri's system where the error rate on the **channel** is **viewed** by all transmitting **users** as the same constant during each **time** slot,  $P/k(L)$  varies from one user to another. Its **value** is substantially increased through the code combining operation (increases with L). As a result, the ...

15/3,K/2 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01573958 ORDER NO: AADMM-16994

**TELEVISION TIME (BROADCAST TELEVISION, VIEWING PRACTICES)**

Author: MACKAY, JANE ELIZABETH  
Degree: M.A.  
Year: 1996  
Corporate Source/Institution: SIMON FRASER UNIVERSITY (CANADA) (0791)  
Source: VOLUME 35/05 of MASTERS ABSTRACTS.  
PAGE 1092. 142 PAGES  
ISBN: 0-612-16994-4

...television flow. The recordings emphasize the present in both sound and picture with substantial second- **person** audio. **Patterns** of **channel** changing by **viewers** reveal switching activity throughout the **viewing session**. **Viewers** appear to switch **channels** to change programs rather than avoid commercials. They switch channels more often during program content...

15/3,K/3 (Item 2 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01313569 ORDER NO: AAD93-30047

**PATTERNS OF TELEVISION VIEWING: PREDICTING TELEVISION VIEWING BEHAVIOR**

Author: CHO, SUNG HO  
Degree: PH.D.  
Year: 1993  
Corporate Source/Institution: STATE UNIVERSITY OF NEW YORK AT BUFFALO (0656)  
Source: VOLUME 54/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1986. 200 PAGES

...activities instead of watching television. The results of this

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dissertation provides ideas about the average **individuals** ' overall **television viewing behavior** and their use of free **time** . Finally, the suggested **television viewing** models provide the basis describing the flow of audience.

15/3,K/4 (Item 3 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01279978 ORDER NO: AAD93-07044  
**ANALYSIS OF AN INTERACTIVE VIDEO ARCHITECTURE (VIDEO ARCHITECTURE)**  
Author: MOUCHTARIS, PETROS NIKOLAOS  
Degree: PH.D.  
Year: 1993  
Corporate Source/Institution: CALIFORNIA INSTITUTE OF TECHNOLOGY (0037)  
Source: VOLUME 53/11-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 5896. 89 PAGES

...to subscriber interest. The provider assembles the programs from short news clips and uses a **profile** data base of **subscribers** for selecting the appropriate clips. The **time** of **viewing** the **program** can be selected by the **customers** in near-real- **time** . We model this service and propose a network architecture that can support it. There is...

15/3,K/5 (Item 4 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01112928 ORDER NO: AAD13-38963  
**COMPARATIVE STATISTICAL ANALYSIS OF TRADITIONAL AND HOME EDUCATION ON SOCIAL CONFORMITY, LANGUAGE ABILITY, AND PARENT INVOLVEMENT**  
Author: WILLIAMS, EILEEN RUTH  
Degree: M.ED.  
Year: 1988  
Corporate Source/Institution: LIBERTY UNIVERSITY (1052)  
Source: VOLUME 28/03 of MASTERS ABSTRACTS.  
PAGE 346. 193 PAGES

...given or denied an opportunity to conform to parents, in the importance parents attached to **individualized** educational **programs** , and in three parental social structuring **habits** ( **television viewing** , **time** in restaurants, and maternal **time** with children). Comparatively, there were no significant differences in the the development of language constructs...

15/3,K/6 (Item 5 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

944000 ORDER NO: AAD86-28846  
**THE ADVERTISING IMAGES OF BLACK AMERICANS, 1880-1920 AND 1968-1979: A THEMATIC AND INTERPRETIVE APPROACH**  
Author: MOORE, MARIAN J.  
Degree: PH.D.  
Year: 1986  
Corporate Source/Institution: BOWLING GREEN STATE UNIVERSITY (0018)  
Source: VOLUME 47/11-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 4119. 220 PAGES

...revealed that there were multiple and contrasting images of Black Americans during the two historical **periods** . **Advertisements** were **viewed** as artifacts growing out of attempts to link **consumer behavior**

December 31, 2002

with socially constructed realities. The multiple images of Blacks in advertising reflected the vast changes...

15/3,K/7 (Item 6 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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863859 ORDER NO: AAD84-18990  
**PARENTAL INVOLVEMENT IN READING AND ITS EFFECT ON READING ATTITUDES, INTERESTS AND ACHIEVEMENTS OF SELECTED STUDENTS**  
Author: O'MAHONEY, THOMAS KEVIN  
Degree: PH.D.  
Year: 1984  
Corporate Source/Institution: THE OHIO STATE UNIVERSITY (0168)  
Source: VOLUME 45/09-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2823. 139 PAGES

...SES. One half of the subjects from each group were pretested for reading attitudes, reading **interests**, use of **personal time** and **television viewing habits**. The IROG was then administered to the experimental group over a three week period. All subjects in both groups were then posttested for reading attitudes, reading **interests**, use of **personal time**, **television viewing habits**, and reading comprehension. All parents were then surveyed for their involvement in their children's...

...gains for the experimental group with regard to student reading attitudes and achievements, use of **personal time** and **television viewing habits**. No significant posttest difference was noted with regard to student reading **interests**.

The results of the study suggest that activities such as the IROG, can influence student reading attitudes and achievements. Also student use of **personal time** and **television viewing habits** can be positively affected by activities such as the IROG.

...

15/3,K/8 (Item 7 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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837490 ORDER NO: AAD84-05344  
**PATTERNS OF TELEVISION VIEWING IN THE UNITED STATES (BROADCASTING, TV AUDIENCES, BEHAVIOR)**  
Author: STEMEN, GREGORY DONALD  
Degree: PH.D.  
Year: 1983  
Corporate Source/Institution: OHIO UNIVERSITY (0167)  
Source: VOLUME 44/12-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 3533. 131 PAGES

...empirical support for assumptions of a passive audience and a non-first choice model of **viewer behavior**.

The research **identified a pattern** for what **times** the same **people** tend to be **viewing television** on adjacent pairs of days and on the same day during adjacent pairs of hours...

15/3,K/9 (Item 8 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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834141 ORDER NO: AAD83-23400  
**INDIVIDUAL AND ENVIRONMENTAL DETERMINANTS OF TELEVISION VIEWING BEHAVIOR**

December 31, 2002

Author: ROUNER, DONNA LEA  
Degree: PH.D.  
Year: 1983  
Corporate Source/Institution: THE UNIVERSITY OF WISCONSIN - MADISON (0262)  
Source: VOLUME 44/11-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 3196. 195 PAGES

...character assessment, or thinking about aspects of television personalities, such as their appearance, morals, and **values**. Decisional effort is thought to be a better predictor and explainer of active **television viewing** than traditional exposure variables--the average amount of **television viewed** and **frequency of television use**.

Based on a **person**-by-situation perspective, information processing and excitation transfer theories are combined here. The subjects were...

15/3,K/10 (Item 9 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

819090 ORDER NO: AAD83-18422  
**SIXTH, NINTH, AND TWELFTH GRADERS' STEREOTYPES AND KNOWLEDGE OF ELDERLY PERSONS**

Author: PIGGREM, GARY WAYNE  
Degree: PH.D.  
Year: 1983  
Corporate Source/Institution: THE OHIO STATE UNIVERSITY (0168)  
Source: VOLUME 44/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1223. 109 PAGES

...measured stereotyping, the Facts on Aging Quiz measured knowledge, and a separate questionnaire measured the **demographic** variables of contact with older **persons**, **time** spent **viewing television**, health of elderly relatives, perceived age for a **person** to be elderly, sources of information about older people, and viewing the movie "On Golden...

15/3,K/11 (Item 10 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

778891 ORDER NO: AAD82-11073  
**AN INVESTIGATION OF THE TELEVISION VIEWING PATTERNS AND TELEVISION ROLE MODELS OF ADOLESCENTS**

Author: LEVINSON, TERRILL SHARON  
Degree: PH.D.  
Year: 1982  
Corporate Source/Institution: UNITED STATES INTERNATIONAL UNIVERSITY (0239)  
Source: VOLUME 42/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 4917. 148 PAGES

...themselves.

Method. Several personality and social structural factors were selected as variables, including ethnicity, sex, **personality characteristics**, occupational aspirations, and weekly **viewing time**. Admired **television** characters of each sex were rated for realism and personality. An original questionnaire was utilized...

15/3,K/12 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

December 31, 2002

4407346 INSPEC Abstract Number: C9306-5470-028

**Title: Diagnosis of computer systems by stochastic Petri nets**

Author(s): Moriguchi, S.

Author Affiliation: IBM Japan, Kanagawa, Japan

Conference Title: 1992 IEEE International Symposium on Circuits and Systems (Cat. No.92CH3139-3) p.407-10 vol.1

Publisher: IEEE, New York, NY, USA

Publication Date: 1992 Country of Publication: USA 6 vol. 3028 pp.

ISBN: 0 7803 0593 0

U.S. Copyright Clearance Center Code: 0 7803 0593 0/92\$03.00

Conference Sponsor: IEEE

Conference Date: 10-13 May 1992 Conference Location: San Diego, CA, USA

Language: English

Subfile: C

...Abstract: as a stochastic Petri net, and discrete-event simulation methods are introduced to study its **behavior**. The power of stochastic petri nets with general firing **times** for formal representation and quantitative diagnosis, from the **customer** point of **view**, is exhibited. The results **show** that simulation methods for stochastic Petri nets can be used advantageously to diagnose quantitatively whether...

15/3,K/13 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

04248977 INSPEC Abstract Number: C9211-6180-017

**Title: Using eye movements to acquire knowledge about the user**

Author(s): Crosby, M.; Stelovsky, I.

Author Affiliation: Dept. of Inf. & Comput. Sci., Hawaii Univ., Honolulu, HI, USA

Conference Title: Proceedings of the Second IASTED International Symposium. Expert Systems and Neural Networks p.115-18

Editor(s): Hamza, M.H.

Publisher: Acta Press, Anaheim, CA, USA

Publication Date: 1990 Country of Publication: USA 188 pp.

ISBN: 0 88986 166 8

Conference Sponsor: IASTED

Conference Date: 15-17 Aug. 1990 Conference Location: HI, USA

Language: English

Subfile: C

...Abstract: model of the user. To clarify whether this data can be used to detect the **users**' **viewing** strategies and predict **user**'s **characteristics**. The authors conducted an experiment that investigated how computer science students read a typical Pascal **program**. They categorized subjects' viewing **patterns**, examined whether the **time** spent **viewing** critical **program** areas was related to **user characteristics**, and explored the effects of errors on **viewing patterns** and **time**. They found that algorithm areas were viewed differently depending on the subjects experience, comprehension, or...

15/3,K/14 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

00524008 INSPEC Abstract Number: B73022768

**Title: Cost-to-produce**

Author(s): Biedenbender, R.E.

Conference Title: Proceedings of the 1973 Annual Reliability and Maintainability Symposium p.481-3

December 31, 2002

Publisher: IEEE, New York, NY, USA  
Publication Date: 1973 Country of Publication: USA ix+648 pp.  
Conference Sponsor: IEEE et al  
Conference Date: 23-25 Jan. 1973 Conference Location: Philadelphia,  
PA, USA  
Language: English  
Subfile: B

...Abstract: and development process. As a result cost-to-produce, which has been a major design **parameter commercially**, is now being **viewed** similarly in defense work. **Timely** feedback to the designer and the **customer** is a key element to successful cost-to-produce work. Cost-to-produce results can...

15/3,K/15 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2002 Info. Today Inc. All rts. reserv.

00387594 95PJ06-018  
**Working with...ABC FlowCharter -- Smarter charts for better communication**  
Cope, Jim  
PC Today , June 1, 1995 , v9 n6 p52, 1 Page(s)  
ISSN: 1040-6484  
Company Name: Micrografx  
Product Name: ABC FlowCharter

... templates to build a chart with ABC SnapGraphics. Describes the use of ABC DataAnalyzer to **identify** key areas for improvement in a process and to monitor process improvement over **time**. Says that **users** can make great **looking** charts and that the **program** is one of the best seen by the author. Includes one screen display. (bjp)

15/3,K/16 (Item 1 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2002 Japan Science and Tech Corp(JST). All rts. reserv.

01712571 JICST ACCESSION NUMBER: 93A0382653 FILE SEGMENT: JICST-E  
**Parametoric description of lip articulation.**  
MORI KEISUKE (1); HARANISHI MASAKI (1); SONODA YORINOBU (1)  
(1) Kumamoto Univ., Faculty of Engineering  
Denshi Joho Tsushin Gakkai Gijutsu Kenkyu Hokoku(IEIC Technical Report  
(Institute of Electronics, Information and Communication Engineers),  
1993, VOL.92,NO.500(SP92 137-146), PAGE.17-24, FIG.10, REF.15  
JOURNAL NUMBER: S0532BBG  
UNIVERSAL DECIMAL CLASSIFICATION: 591.126.05:591.422  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

...ABSTRACT: by 4th-degree polynomial function, and lip side contour were approximated by regular folium function. **Characteristics parameters** describing the contours of frontal and side **views** of lip were **shown** as a **time patterns** during speech. **Individual** deferences were observed in the **parameters** of polynomial function and regular folium functions. (author abst.)

15/3,K/17 (Item 1 from file: 603)  
DIALOG(R)File 603:Newspaper Abstracts  
(c)2001 ProQuest Info&Learning. All rts. reserv.



December 31, 2002

02330398 01349151  
**Is TV Turning Off the American Voter"**  
New York Times (NYT) Sec 2, p 24 col 1 July 2, 1988

ABSTRACT:

... contributed to drop in number of Americans who vote cites several factors, including amount of **time** **people** spend **watching TV**, which diminishes **time** available for other activities, and **viewers** ' lack of **interest** in **programs** with public service or political content.

15/3,K/18 (Item 2 from file: 603)  
DIALOG(R)File 603:Newspaper Abstracts  
(c)2001 ProQuest Info&Learning. All rts. reserv.

02321475 01336312  
**Marketing A Gadget For a Gadget**  
New York Times (NYT) Sec D, p 8 col 1 June 27, 1988

ABSTRACT:

**Profile** of Rabbit Systems Inc., which is marketing device that allows **people** **watching** their VCR's to **watch television** at same **time** with small inset in screen.

15/3,K/19 (Item 1 from file: 483)  
DIALOG(R)File 483:Newspaper Abs Daily  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

04958824  
**Exercise Seems to Prevent Gallstones**  
Colburn, Don  
Washington Post, Sec WH, p 5, col 1  
Mar 17, 1998  
ISSN: 0190-8286 NEWSPAPER CODE: WP  
DOCUMENT TYPE: News; Newspaper  
LANGUAGE: English RECORD TYPE: ABSTRACT  
LENGTH: Medium (6-18 col inches)

...ABSTRACT: of more than 45,000 men. One-third of all cases of gallstone disease in **men** could be prevented by 30 minutes of vigorous exercise five **times** per week, researchers concluded. **Men** in the study who **watched** at least 40 hours of **television** per week -- an indication of sedentary **habits** -- had more than twice the risk of gallstones compared with those who watched less than...

15/3,K/20 (Item 2 from file: 483)  
DIALOG(R)File 483:Newspaper Abs Daily  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

04935150  
**Nantz pulls for CBS' recovery**  
Martzke, Rudy  
USA TODAY, Sec E, p 3, col 1  
Feb 19, 1998  
ISSN: 0734-7456 NEWSPAPER CODE: US  
DOCUMENT TYPE: Commentary; Newspaper  
LANGUAGE: English RECORD TYPE: ABSTRACT  
LENGTH: Long (18+ col inches)

...ABSTRACT: flu for three nights. With a dismal 13.5 rating for Tuesday night's prime- **time** **show** indicating that even the Olympics' traditional **viewers**, **women**, have lost **interest**, CBS now would have to be pleased if Wednesday's women's figure skating short...

December 31, 2002

15/3,K/21 (Item 3 from file: 483)  
DIALOG(R)File 483:Newspaper Abs Daily  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

04646470

**Slow-Motion Video Rentals; As Viewer Demand Falls, Chains Put New  
Strategies Into Play**

Pressler, Margaret Webb

Washington Post, Sec F, p 9, col 1

Jul 5, 1997

ISSN: 0190-8286 NEWSPAPER CODE: WP

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

...ABSTRACT: nonetheless, with more players splitting up a pie that's barely growing because video-watching **habits** are changing in other ways. Industry experts say **consumers** are **watching** fewer videos because they are devoting their leisure **time** to other activities, including movies, surfing the Internet and **watching** satellite-delivered **television programming**. People also are buying, rather than renting, more videos than in past years, experts say...

15/3,K/22 (Item 1 from file: 6)  
DIALOG(R)File 6:NTIS  
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1392702 NTIS Accession Number: ED-294 551

**Viewer Viewed**

Svennevig, M.

Corp. Source Codes: 888888888

Jul 86 12p

Languages: English

Journal Announcement: GRAI8823

Paper presented at the International Television Studies Conference (London, England, April 10-12, 1986).

Available from ERIC Document Reproduction Service (Computer Microfilm International Corporation), 3900 Wheeler Ave., Alexandria, VA 22304-5110.

NTIS Prices: Not available NTIS

Descriptors: Audience analysis; \* **Behavior** ; \*Broadcast industry; \* **Television** research; \* **Television** viewing ; Foreign countries; **Individual** differences; Leisure **time** ; **Programing** (Broadcast); Research methodology; Videotape recordings

15/3,K/23 (Item 2 from file: 6)  
DIALOG(R)File 6:NTIS  
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1326318 NTIS Accession Number: TIB/A87-80616

**Auswirkungen der Rezeption von Horror-Videos auf die Legitimation von  
aggressiven Handlungen. (Effects of the Viewing of Horror Videos on the  
Legitimation of Aggressive Behaviour)**

Brosius, H.B.

Mainz Univ. (Germany, F.R.). Inst. fuer Publizistik.

Corp. Source Codes: 016725019

Sponsor: Deutsche Forschungsgemeinschaft, Bonn (Germany, F.R.).

1985 90p

Languages: German

Journal Announcement: GRAI8723

In German,

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NTIS Prices: PC E07

... to what extent aggressive behaviour is regarded as justified in 27 everyday situations. The following **parameters** were examined: the realistic quality of the violence **shown**, the age of the **viewers** and their **personalities**, the **frequency** of **viewing** horror videos, the emotional excitement caused, the assessment of the films. The results of the...

15/3,K/24 (Item 3 from file: 6)

DIALOG(R)File 6:NTIS

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1128339 NTIS Accession Number: DE84750165

**Presentations for Individual and Collective Radiation Doses after Accidental Releases of Radioactivity**

Ehrhardt, J. ; Zoeller, U.

Kernforschungszentrum Karlsruhe G.m.b.H. (Germany, F.R.). Inst. fuer Neutronenphysik und Reaktortechnik.

Corp. Source Codes: 056218023; 3587000

Report No.: KFK-3562

Jul 83 79p

Languages: German

Journal Announcement: GRAI8422; NSA0900

In German.

U.S. Sales Only. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A05/MF A01

... the possible 2- and 3-dimensional graphs facilitates the selection of the appropriate presentation in **view** of problem-oriented or **personal criteria**. Examples of **frequency** -dose diagrams are **shown** for release categories of the German Risk Study. (ERA citation 09:016587)

15/3,K/25 (Item 4 from file: 6)

DIALOG(R)File 6:NTIS

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1026960 NTIS Accession Number: N83-19497/7

**User-Programmer Dialogue: Guidelines for Designing Menus and Help Files for Interactive Computer Systems**

Carlson, P. A.

National Aeronautics and Space Administration, Greenbelt, MD. Goddard Space Flight Center.

Corp. Source Codes: 013129001; NC999967

Report No.: NAS 1.15:84980; NASA-TM-84980

Feb 83 58p

Languages: English

Journal Announcement: GRAI8314; STAR2109

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A04/MF A01

... with the procedural aspects of multiple panel displays. This section looks at the issues of **timelines** of presentation, modularization of

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information, and **patterns of user behavior**. Audience looks at the relationship among **programmer**, **user**, and message. It covers the issues of analyzing the audience's knowledge, attitudes, and needs...

15/3,K/26 (Item 5 from file: 6)  
DIALOG(R)File 6:NTIS  
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0855277 NTIS Accession Number: ED-179 231/XAB  
**1979 Nielsen Report on Television**  
Nielsen (A.C.) Co., Chicago, IL.  
Corp. Source Codes: 100403001  
1979 40p  
Languages: English  
Journal Announcement: GRAI8102  
Available from ERIC Document Reproduction Service (Computer Microfilm International Corporation), Arlington, VA. 22210. Also available from A. C. Nielsen Co. Nielsen Plaza, Northbrook, IL 60062 (Free).  
NTIS Prices: Not available NTIS

... hours of household TV usage per day; hours of TV usage per week by household **characteristics**; weekly **viewing** activity for **women**, **men**, and children of various age groups; **prime time viewing**; audience composition of selected **prime time program** types; **TV specials** by **program** type; most popular programs; cable television; and Nielsen television services.

15/3,K/27 (Item 6 from file: 6)  
DIALOG(R)File 6:NTIS  
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0853467 NTIS Accession Number: ED-179 190/XAB  
**Children's Television Behaviour: Its Antecedents and Relationship to School Performance. A Study of the Television Viewing Behaviour of Children in Grade 6 of State Primary Schools in the Metropolitan Area of Melbourne**  
(Occasional paper no. 14)  
Sharman, K. J.  
Australian Council for Educational Research, Hawthorn.  
Corp. Source Codes: 070531000  
Jun 79 93p  
Languages: English  
Journal Announcement: GRAI8101  
Available from ERIC Document Reproduction Service (Computer Microfilm International Corporation), Arlington, VA 22210.  
NTIS Prices: Not available NTIS

Descriptors: Elementary school students; \* **Television viewing**; Academic achievement; Children; Cluster analysis; **Commercial television**; Demography; Family influence; **Individual characteristics**; Multiple regression analysis; Sampling; School surveys; **Television research**; **Viewing time**

15/3,K/28 (Item 1 from file: 144)  
DIALOG(R)File 144:Pascal  
(c) 2002 INIST/CNRS. All rts. reserv.

13058859 PASCAL No.: 97-0348987  
**Sex differences in aggression : Does social representation mediate form of aggression ?**  
CAMPBELL A; SAPOCHNIK M; MUNCER S  
Department of Psychology, Durham University, South Road, Durham DH1 3LE, United Kingdom; Durham University, United Kingdom; Teesside University,

December 31, 2002

United Kingdom

Journal: British journal of social psychology, 1997, 36 (p.2) 161-171  
Language: English

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In contrast to the usual **pattern** of higher male aggression, girls have been **shown** to exceed boys on **frequency** measures of indirect aggression. **Women** also tend to **view** aggression in terms of an expressive social representation whereby it is seen to result from...

15/3,K/29 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci -  
(c) 2002 Inst for Sci Info. All rts. reserv.

04223489 Genuine Article#: RP203 No. References: 12

Title: **FOOD QUALITY - A MEANS-END PERSPECTIVE**

Author(s): GRUNERT KG

Corporate Source: AARHUS SCH BUSINESS,HASLEGAARDSVEJ 10/DK-8210  
AARHUS//DENMARK/

Journal: FOOD QUALITY AND PREFERENCE, 1995, V6, N3, P171-176

ISSN: 0950-3293

Language: ENGLISH Document Type: ARTICLE

Research Fronts: 93-0442 001 (INFORMATION SEARCH STRATEGIES; DECISION  
TIME ; ADVANTAGE MODEL; **BEHAVIORAL VIEWS** )  
93-4895 001 (SERVICE QUALITY; **CONSUMER SHOPPING BEHAVIOR** ;  
**ADVERTISING INFORMATION**)

15/3,K/30 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

06544919

VOD

HONG KONG: FUTURE TV CLAIMS LOW SERVICE PRICE

South China Morning Post (XKT) 11 Nov 1997 p.t1

Language: ENGLISH

... service could reach 90% of households by 2000. IMS responded it could support more VOD **subscribers** , but its survey **showed viewing pattern** for VOD were spread without peak **time** . A maximum of 12% -13% of **subscribers** could **watch** VOD in case of number eight typhoon signal was hoisted. \* \*...

15/3,K/31 (Item 2 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

06336157

Le profil du zappeur

FRANCE: A ZAPPING SURVEY

Le Figaro (XMV) 10 Jul 1996 p.40

Language: FRENCH

...during the 7.00 pm to 10.00 pm period. MCB B used the 20% of **people** who spend the shortest amount of **time watching television advertising** to determine the zapper **profile** . It found that 40% of these people are between 15 and 34 years old, and...

15/3,K/32 (Item 3 from file: 583)

December 31, 2002

DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

04246452

CONSUMERS WANT GADGETS TO BE EASIER TO OPERATE

US - CONSUMERS WANT GADGETS TO BE EASIER TO OPERATE

International Business Week (IBW) 29 April 1991 p36-41

ISSN: 0007-7135

... that programmes recorded at home using the VCR programming feature represented only 3% of total television viewing time . Manufacturers are losing consumer interest and alienating consumers . Companies worldwide are beginning to note that simplicity is more important than gadgetry, and complexity...

15/3,K/33 (Item 4 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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01300496

NEW REPORT ON TV VIEWING HABITS

UK - NEW REPORT ON TV VIEWING HABITS

Media Week (MWK) 28 August 1987 p6

... 20 Questions About TV Advertising, by Collett Research, is to be published in Sep. This looks at people 's viewing habits , and records the time , day and channel being watched .

December 31, 2002

30/3,K/1 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
(c) 2002 Elsevier Eng. Info. Inc. All rts. reserv.

04937917 E.I. No: EIP98024055448

Title: **Synthesizing summary knowledge from distributed heterogeneous information sources**

Author: Addison, Edwin R.

Corporate Source: KnowledgeLink L.L.C., College Park, MD, USA

Conference Title: Proceedings of the 1997 MILCOM Conference. Part 3 (of 3)

Conference Location: Monterey, CA, USA Conference Date: 19971103-19971105

E.I. Conference No.: 47731

Source: Proceedings - IEEE Military Communications Conference MILCOM v 3 1997. IEEE, Piscataway, NJ, USA, 97CB36134. p 1609-1613

Publication Year: 1997

CODEN: PMICET

Language: English

...Abstract: information into atomic objects, and loads the objects into an object oriented database. The browser **plug** -in technology, also known as the Knowledge **Studio** \*\*T\*\*M, enables **users** to establish a **personalized profile** of a complete electronic publication to be customized in real **time** . It also renders a **personalized view** of information taking into account the **user** 's preferences of media type, object or article length, visual vs. Text, raw data vs...

30/3,K/2 (Item 2 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
(c) 2002 Elsevier Eng. Info. Inc. All rts. reserv.

04275329 E.I. No: EIP95102903203

Title: **Living room culture - an anthropological study of television usage behaviors**

Author: Logan, Robert J.; Augaitis, Sheila; Miller, Robert H.; Wehmeyer, Keith

Corporate Source: Thomson Consumer Electronics, Indianapolis, IN, USA

Conference Title: Proceedings of the 39th Annual Meeting of the Human Factors and Ergonomics Society. Part 1 (of 2)

Conference Location: San Diego, CA, USA Conference Date: 19951009-19951013

E.I. Conference No.: 43815

Source: Proceedings of the Human Factors and Ergonomics Society v 1 1995. Human Factors and Ergonomics Society, Inc., Santa Monica, CA, USA. p 326-330

Publication Year: 1995

CODEN: PHFSDQ ISSN: 0163-5182

Language: English

Abstract: Traditionally, research at Thomson has been conducted in the laboratory. This **study** , however, took place in **users** ' homes. This work investigated the **television (TV) viewing behaviors** of nine households over an 10-week **period** and was designed to provide a better understanding of how and why **people watch TV** within the home. Applying a combination of methods from the fields of human factors and...

30/3,K/3 (Item 3 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
(c) 2002 Elsevier Eng. Info. Inc. All rts. reserv.

03575779 E.I. Monthly No: EIM9303-015892

Title: **Machine-recorded protocols. Tools and techniques.**

December 31, 2002

Author: Smith, John P.; Smith, Dana Kay; Kupstas, Eileen  
Corporate Source: Univ of North Carolina, Chapel Hill, NC, USA  
Conference Title: Proceedings of the 36th Annual Meeting of the Human Factors Society. Part 1 (of 2)  
Conference Location: Atlanta, GA, USA Conference Date: 19921012  
E.I. Conference No.: 17554  
Source: Proceedings of the Human Factors Society v 1. Publ by Human Factors Soc Inc, Santa Monica, CA, USA. p 369-373  
Publication Year: 1992  
CODEN: PHFSDQ ISSN: 0163-5182  
Language: English

...Abstract: our project - in the case described here, a hypertext-based writing environment, called WE. A **tracking** facility automatically records **users** ' actions. Replay allows a researcher to recreate and **view** a **user session** in **time** proportional to the original, in uniform **time** , and in manually controlled steps. Our grammar incorporates a cognitive model of the **users** ' mental **behaviors** for the task of expository writing and parses protocols to produce parse trees that **show users** ' strategies for working **sessions** . Finally, our display tools work with these data to produce static and animated representations from...

30/3,K/4 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01715893 ORDER NO: AADAA-INQ41461  
**Procedural facilitation of strategic knowledge in ESL writing:  
Longitudinal case studies of 9 Chinese-background freshman students of engineering**  
Author: Lo, Susanna Yee-Ling  
Degree: Ph.D.  
Year: 1998  
Corporate Source/Institution: University of Toronto (Canada) (0779)  
Source: VOLUME 60/10-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 3596. 278 PAGES  
ISBN: 0-612-41461-2

...e., argument vs. technical description task) exerted differing influences on students' writing performance. Additional case **study profiles** of each of the students **showed** , in addition to **individual** differences, common improvements in their **evaluative** , diagnostic and remedial capacities as the tutoring **sessions** proceeded. Findings are discussed in **view** of theories of procedural facilitation, second language writing development and instruction, task differences, and tutoring...

30/3,K/5 (Item 2 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01682930 ORDER NO: AADMQ-33840  
**THE ADVENT OF TELEVISION: A STUDY OF THE PERCEPTIONS AND EXPECTATIONS OF  
THE FIRST TELEVISION VIEWERS IN METROPOLITAN HALIFAX IN THE EARLY 1950S  
(NOVA SCOTIA)**  
Author: DAVIES, BARBARA LYNN  
Degree: M.A.  
Year: 1998  
Corporate Source/Institution: SAINT MARY'S UNIVERSITY (CANADA) (1104)  
Source: VOLUME 37/03 of MASTERS ABSTRACTS.  
PAGE 716. 216 PAGES  
ISBN: 0-612-33840-1

...the inaugural broadcast of the Canadian Broadcasting Corporation.



December 31, 2002

CBC-CBHT, channel 8, welcomed Halifax-Dartmouth **viewers** to the newest **channel** on their network, another step towards predominately Canadian **programming** in Maritime Canada.

Few **people** at that **time** understood the changes that would take place in this new visual, technical world. In anticipation of a **television** broadcasting station being established in the Halifax-Dartmouth area, the CBC Bureau of Audience Research commissioned a **study** of radio listening **patterns** in order to obtain some background information on the likes and dislikes of the existing...

30/3,K/6 (Item 3 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01175824 ORDER NO: AAD91-24686  
**TELEVISION AUDIENCE--PROGRAM CONTENT INTERACTION IN MEANING CONSTRUCTION:  
THE CUING PROCESS**

Author: REYNOLDS, NANCY JEAN

Degree: PH.D.

Year: 1991

Corporate Source/Institution: THE UNIVERSITY OF WISCONSIN - MADISON (0262)

~ Source: VOLUME 52/05-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1558. 194 PAGES

...program content is skeletal.

To identify the cues and related knowledge in a fictional television **program**, 54 adults **individually viewed** a police drama, and they were asked to stop the **program** tape each **time** they learned something about a female **detective**, **identify** what content was informational and state what they had learned. Half the respondents **viewed** a version of the tape from which five early cues had been removed. After viewing...

30/3,K/7 (Item 4 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

1056365 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.  
**EXPLORING PATTERNS OF TELEVISION VIEWING: A MEDIA SYSTEM DEPENDENCY  
PERSPECTIVE**

Author: GRANT, AUGUST EDWIN

Degree: PH.D.

Year: 1989

Corporate Source/Institution: UNIVERSITY OF SOUTHERN CALIFORNIA (0208)

Source: VOLUME 50/01-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 12.

...to conceptually articulate the nature of segments within the television audience. A sample of television **viewers** is clustered into seven audience segments on the basis of their patterns of **viewing behavior** over a five-day **period**. Significant differences for each of four dimensions of **personal television** dependency, as well as age and education, were **observed** across the seven audience segments. When controlling for demographic variables, only three dependency dimensions were...

30/3,K/8 (Item 5 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

0959994 ORDER NO: AAD87-12828  
**THE EFFECTIVENESS OF A COMPUTER-ASSISTED INSTRUCTION PROGRAM FOR TEACHING**

**TRADITIONAL PHILOSOPHY**

Author: JOPLIN, JERRY WAYNE

Degree: PH.D

Year: 1987

Corporate Source/Institution: SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE  
(0209)

Source: VOLUME 48/05-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1222. 230 PAGES

...correlation was calculated between the variables of the post-test scores and the amount of **time** each student used the CAI **program**.

Of **interest** to this **study** was whether the students changed their **personal view** of philosophy from one traditional philosophy to another. Of the 30 students participating in the...

30/3,K/9 (Item 6 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

(c) 2002 ProQuest Info&Learning. All rts. reserv.

789823 ORDER NO: AAD82-22115

**A PICTURE OF MENTAL HEALTH: A STUDY TO EXAMINE ELEMENTS OF PUBLIC IMAGES OF MENTAL HEALTH THROUGH PHOTOGRAPHS**

Author: KOHLER, MARSHA STUDEBAKER

Degree: PH.D.

Year: 1982

Corporate Source/Institution: THE OHIO STATE UNIVERSITY (0168)

Source: VOLUME 43/05-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1397. 204 PAGES

...persons photographed. Also included were photographic qualities including closeup versus distant, or posed versus candid **views**. In stage two the photographs were rated by **judges**. The photographs represented in the contest **showed people** 95% of the **time**. Their emotional **characteristics** were: involved (71%), **showing** good feelings (66%), and happy (57%). Children were the most frequently photographed age (59%) and ...

30/3,K/10 (Item 7 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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756320 ORDER NO: AAD81-21171

**THE ECONOMIC CONSEQUENCES OF CHANGES IN THE QUANTITY OF ADVERTISING**

Author: LEAHY, ARTHUR STEPHEN

Degree: PH.D.

Year: 1981

Corporate Source/Institution: STATE UNIVERSITY OF NEW YORK AT BINGHAMTON  
(0792)

Source: VOLUME 42/04-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1721. 116 PAGES

...cannot be due to changes in the pattern by industry of the manner in which **consumers** acquire information. Any changes of this type would produce changes in the industrial **pattern** of **TV** over **time**.

The results of the estimation of the effect of **advertising** on the change in concentration depend upon the **time period** examined. Although the results for the 1947-1967 **period** provide support for the hypothesis that **advertising** increases concentration, the results for the 1947-1972 **period** do not support this **view**.

The empirical results on the effect of advertising on demand indicate that advertising does not...

December 31, 2002

30/3,K/11 (Item 8 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

747957 ORDER NO: AAD81-10079

**SOCIAL SCIENCE DATA ARCHIVES: A USER STUDY.**

Author: HEIM, KATHLEEN M.

Degree: PH.D.

Year: 1980

Corporate Source/Institution: THE UNIVERSITY OF WISCONSIN - MADISON ( 0262)

Source: VOLUME 42/01-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 5. 304 PAGES

...statistical information. The review of the literature examines the small number of studies which have looked at isolated segments of the archive user community. The investigation conducted for this study was specifically designed to determine the user profile of a model archive of the general purpose, local-service type--the Data and Program Library Service (DPLS) at the University of Wisconsin-Madison. User records at DPLS for a ten year period (1967-1976) were analyzed to determine use of the collection, categories of use, sources and...

30/3,K/12 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

5456821 INSPEC Abstract Number: C9702-7340-022

**Title: Interactive visualization of ocean circulation models**

Author(s): Nations, S.; Moorhead, R.; Gaither, K.; Aukstakalnis, S.; Vickery, R.; Couvillion, W.C., Jr.; Fox, D.N.; Flynn, P.; Wallcraft, A.; Hogan, P.; Smedstad, O.M.

Author Affiliation: Mississippi State Univ., MS, USA

Conference Title: Proceedings. Visualization '96 (IEEE Cat. No.96CB36006) p.429-32, 515

Editor(s): Yagel, R.; Nielson, G.M.

Publisher: ACM, New York, NY, USA

Publication Date: 1996 Country of Publication: USA 516 pp.

ISBN: 0 89791 864 9 Material Identity Number: XX96-03456

U.S. Copyright Clearance Center Code: 0 7803 3707 7/96/\$4.00

Conference Title: Proceedings of Seventh Annual IEEE Visualization '96

Conference Sponsor: IEEE Comput. Soc. Tech. Committee on Comput. Graphics ; ACM SIGGRAPH

Conference Date: 27 Oct.-1 Nov. 1996 Conference Location: San Francisco, CA, USA

Language: English

Subfile: C

Copyright 1996, IEE

...Abstract: describes the conversion of an ocean circulation model from this traditional design to an interactive program in which the computed solution is viewed in real-time over a wide-area network and the user is given the ability to change the model parameters and immediately observe the impact this has on the solution.

30/3,K/13 (Item 2 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

03248773 INSPEC Abstract Number: C88064389

**Title: Ada language symbolic real-time monitor (SRTM)**

Author(s): Shastry, S.

Author Affiliation: Concurrent Computer Corp., Tinton Falls, NJ, USA

Conference Title: Tools for the Simulation Profession, 1988. Proceedings

December 31, 2002

of the 1988 Conferences: Tools for the Simulationist and Simulation Software p.1-4

Editor(s): Hawkins, R.; Crosbie, R.

Publisher: SCS, San Diego, CA, USA

Publication Date: 1988 Country of Publication: USA vi+147 pp.

ISBN: 0 911801 36 7

Conference Date: 18-21 April 1988 Conference Location: Orlando, FL, USA

Language: English

Subfile: C

...Abstract: behavior of the application program. This method of debugging is highly unsuitable in a real-time environment since such a debugging session will alter the behavior of the real-time application program. A real-time monitor (RTM) does not provide the above debugging functions, but allows the user to view or monitor objects from the application program in real-time. The author highlights some of the desirable features of an RTM and introduces a practical...

30/3,K/14 (Item 1 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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05122609

**Survey Finds TV Is Major Casualty of Net Surfing**

Richtel, Matt

New York Times, Sec G, p 3, col 3

Jul 16, 1998

ISSN: 0362-4331 NEWSPAPER CODE: NY

DOCUMENT TYPE: Feature; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

ABSTRACT: The activity taking the biggest hit is **television** - and VCR-watching, according to the survey by Strategis Group, a Washington-based research firm that **studies patterns** in telecommunications use. Nearly 65 percent of 500 Net **users** surveyed said they had sacrificed **time** in front of the **TV** for **time** in front of the computer **monitor**. Forty-eight percent said they spent less **time** reading, and 29 percent said they slept less. The survey results, issued at the end...

30/3,K/15 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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1301816 NTIS Accession Number: DE87005478

**Security Analyzer: A Security Analyzer Program Written in Prolog**

Zimmerman, B. D. ; Densley, P. J.

Hanford Engineering Development Lab., Richland, WA.

Corp. Source Codes: 056188000; 2906800

Sponsor: Department of Energy, Washington, DC.

Report No.: HEDL-SA-3561-FP; CONF-8610182-2

Sep 86 27p

Languages: English Document Type: Conference proceeding

Journal Announcement: GRAI8715; NSA1200

Annual symposium on safeguards of nuclear material, Richland, WA, USA, 14 Oct 1986.

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December 31, 2002

NTIS Prices: PC A03/MF A01

... all paths are found from any specified physical location to another specified location which satisfy user chosen 'intruder detection' probability and elapsed time criteria (i.e., the program finds the 'weakest paths' from a security point of view). The first two of these functions can be provided fairly easily with a conventional database...

30/3,K/16 (Item 2 from file: 6)  
DIALOG(R)File 6:NTIS  
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0990615 NTIS Accession Number: DE82005204  
**Novel Techniques for Three-Dimensional Data Display**  
Grotch, S. L.  
Lawrence Livermore National Lab., CA.  
Corp. Source Codes: 068147000; 9513035  
Sponsor: Department of Energy, Washington, DC.  
Report No.: UCRL-86797; CONF-820703-1  
11 Dec 81 40p  
Languages: English Document Type: Conference proceeding  
Journal Announcement: GRAI8302; NSA0000  
Annual conference on computer graphics and interactive techniques, Boston, MA, USA, 26 Jul 1982, Portions of document are illegible.  
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NTIS Prices: MF A01

... variety of easily controlled plotting options: projections, gridding, color, least squares data fitting, class distinctions, viewing perspective. These programs, written in FORTRAN for the CDC-7600, use DISSPLA for the three-dimensional graphics. The user may examine the plots in real time, simply change most of the program control parameters, producing new plots, iteratively. These may be edited in real time to yield a variety...

30/3,K/17 (Item 1 from file: 144)  
DIALOG(R)File 144:Pascal  
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13237610 PASCAL No.: 97-0506943  
**Psychopathology in children and adolescents with developmental disorders**  
HARDAN A; SAHL R  
Western Psychiatric Institute and Clinic, University of Pittsburgh  
Medical Center, United States  
Journal: Research in developmental disabilities, 1997, 18 (5) 369-382  
Language: English

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... diagnosis encountered in a clinical setting using DSM-III-R. The medical records of all individuals assessed in a specialized program during a 1-year period were reviewed looking at their demographic features, diagnoses, and target behaviors. Our sample consisted of 233 subjects and contained significantly more...

30/3,K/18 (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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December 31, 2002

06162410

Parents can now control children's TV viewing

SINGAPORE: SCV LAUNCHES ADVANCE SET-TOP

The Straits Times (XBB) 08 Jun 1995 P.3 Life

Language: ENGLISH

... CableVision (SCV) has introduced an advanced set-top to help parents control the channels children **watch** on cable **television**. Parents are able to select the type of **programmes** for their children by keying in four-digit **personal identification** number before use. Parents can also **monitor** children's **viewing time**. The advanced set-top is only available from SCV. A marketing agreement has also been...

30/3,K/19 (Item 2 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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01174698

CENTRAL TV TO STUDY NIGHT TIME AUDIENCES

UK - CENTRAL TV TO STUDY NIGHT TIME AUDIENCES

Marketing (MG) 2 July 1987 p2

ISSN: 0025-3634

Central TV plans to **study** night **time** audiences to supplement BARB's **demographic** TV Research. 600 **people** aged between 15 and 35 will be interviewed over four week periods to reveal **viewers** ' purchasing and media habits and other lifestyle data.